

Program Complot
(Version 2021-1)

by

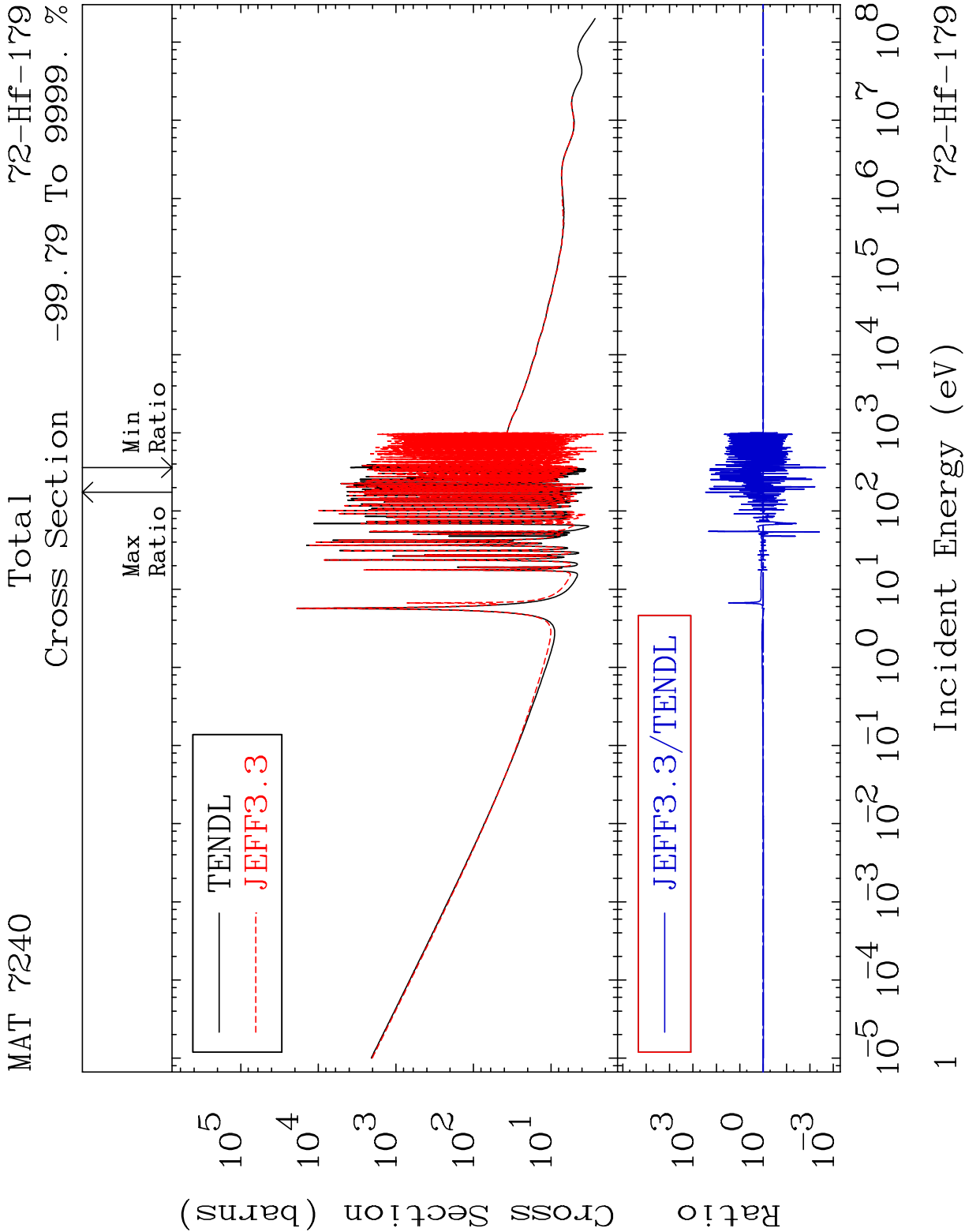
Dermott E. Cullen
(Present Contact Information)

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Press Mouse Button to Start

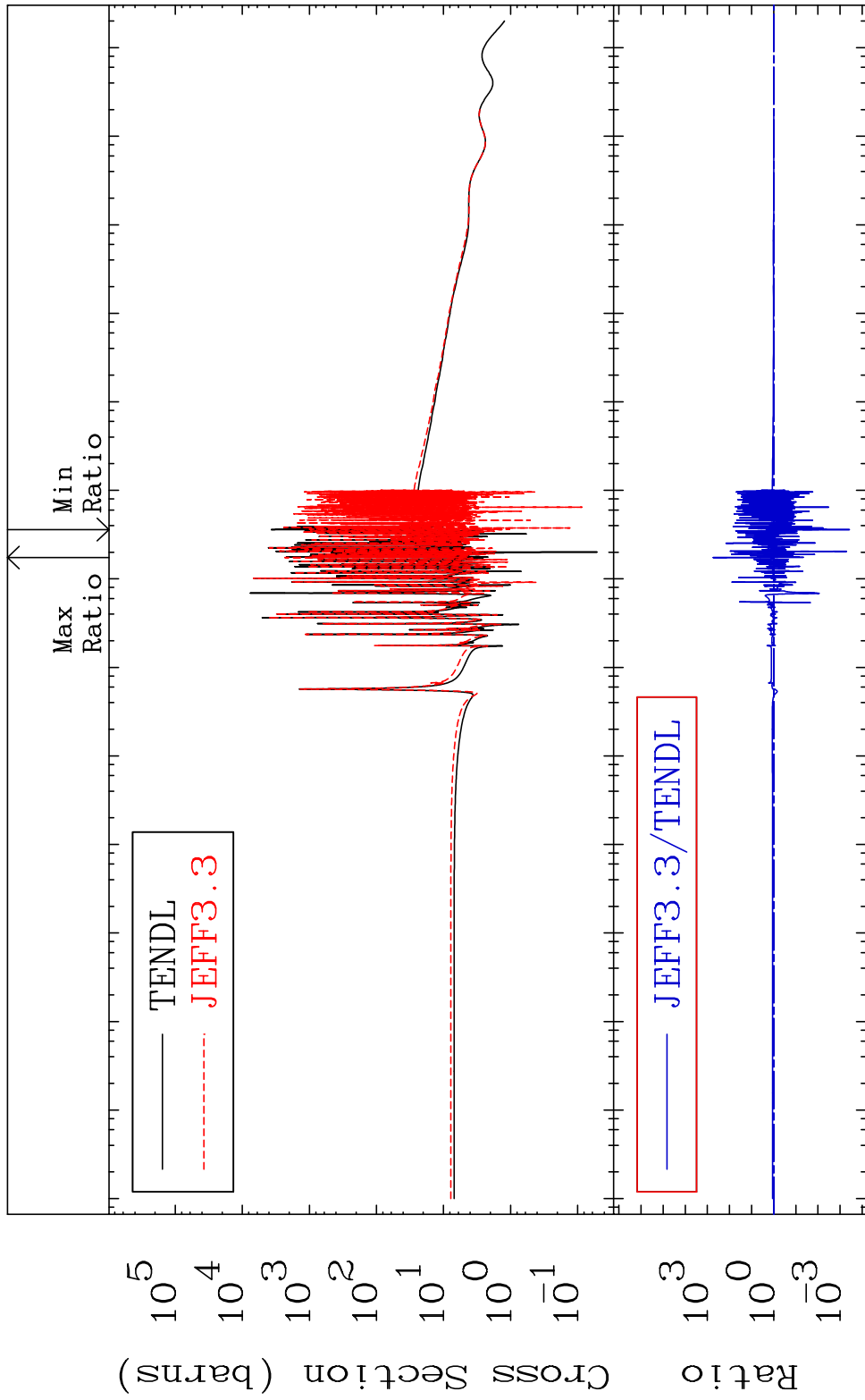


MAT 7240

Elastic

72-Hf-179

Cross Section -99.96 To 9999. %

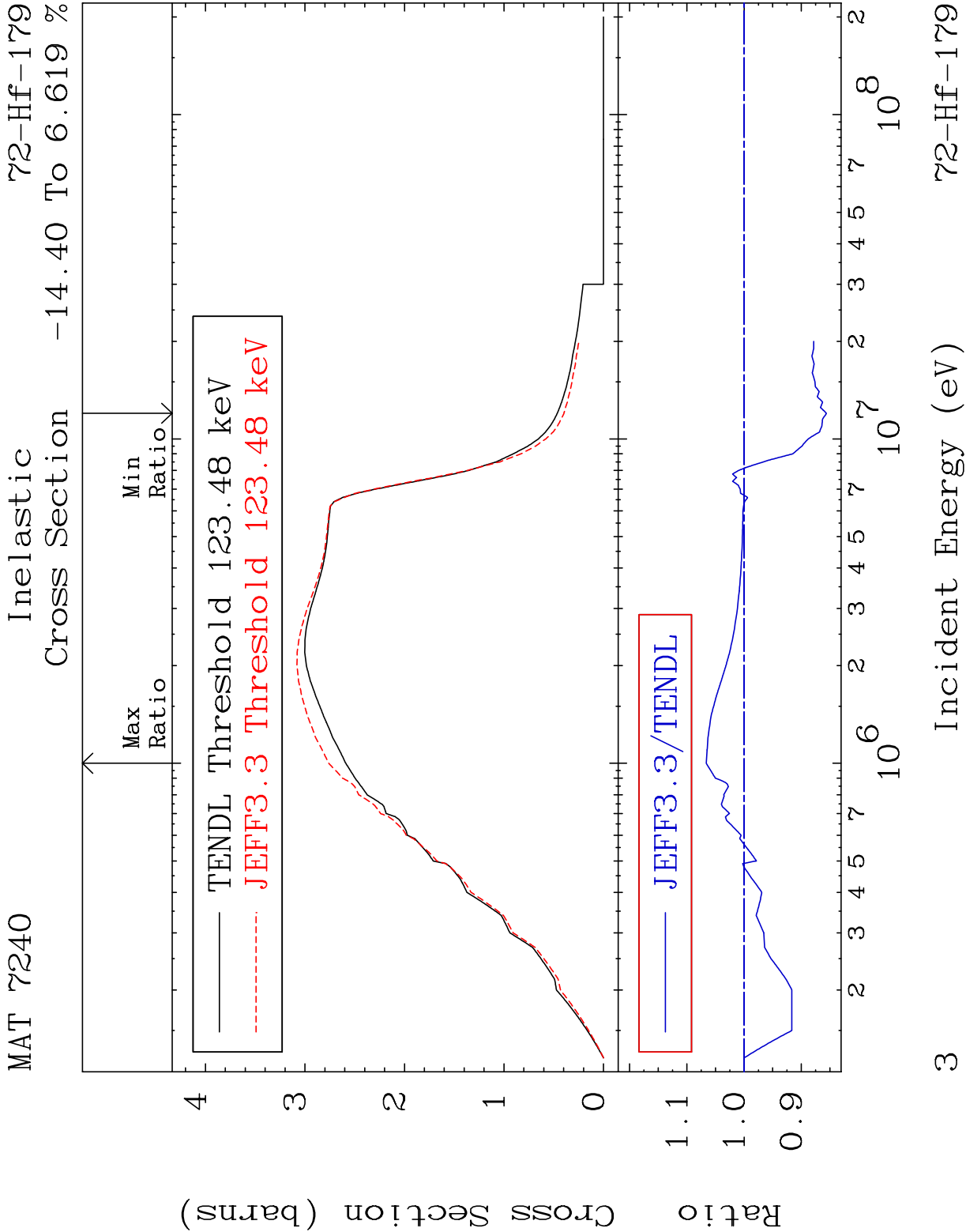


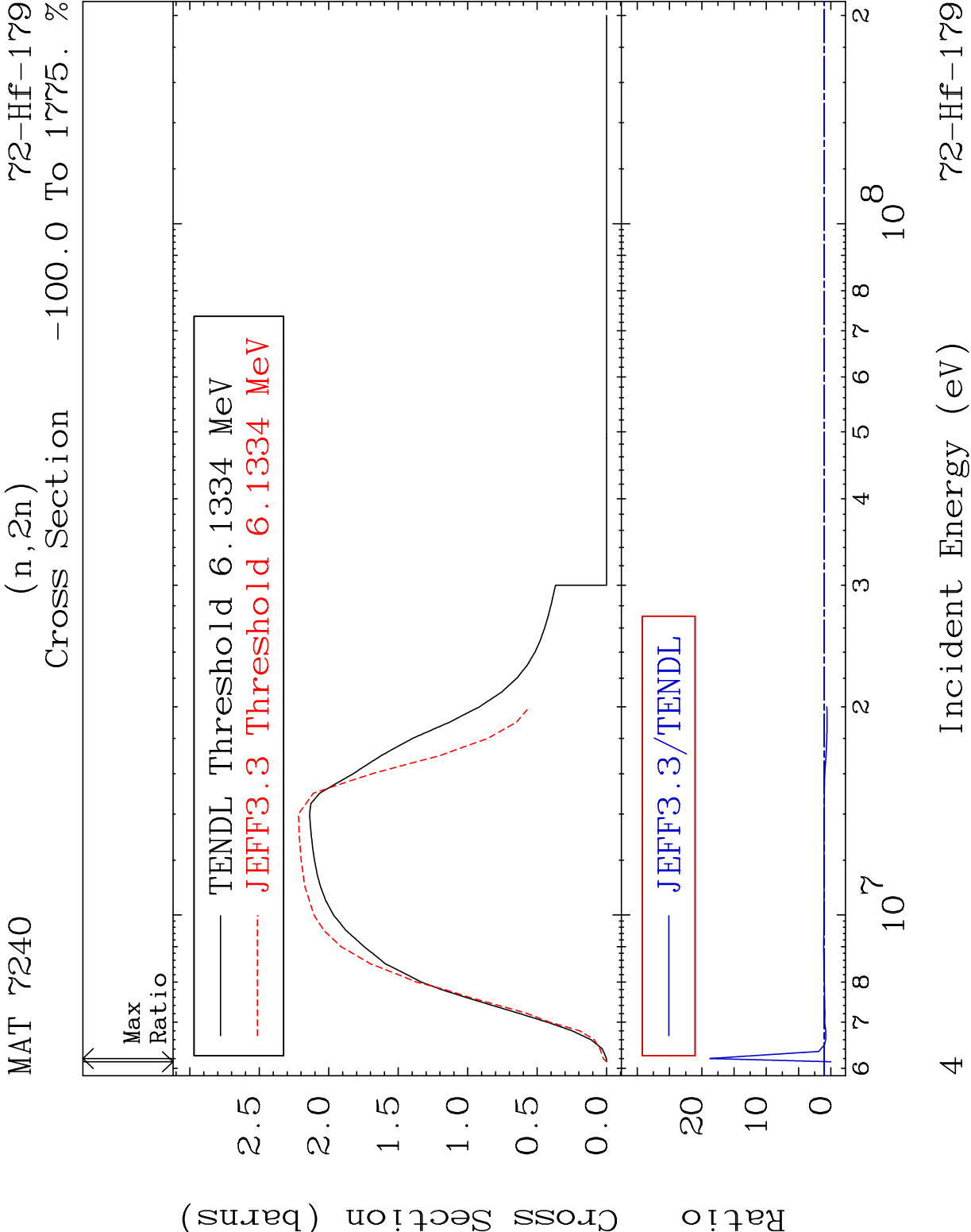
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

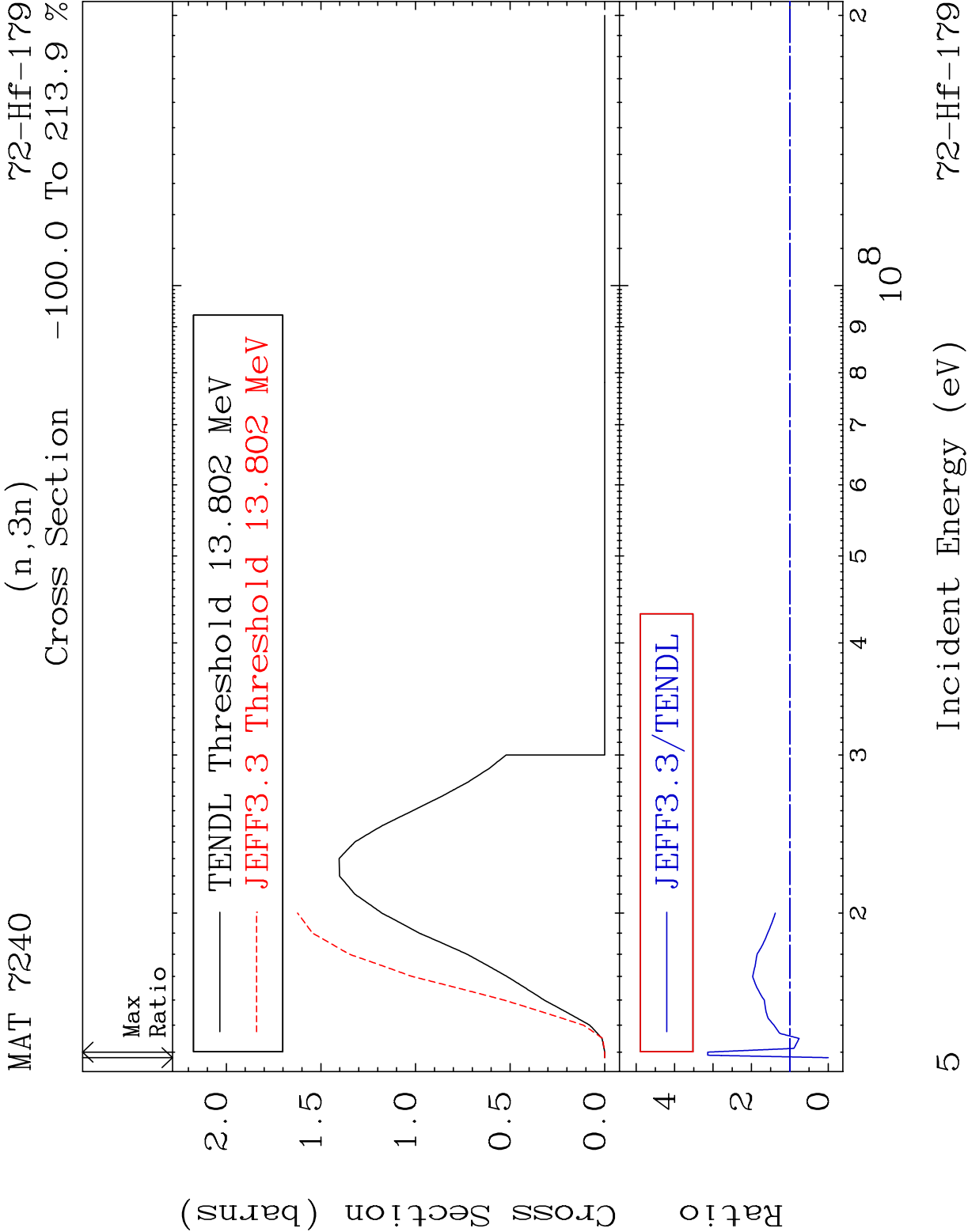
2

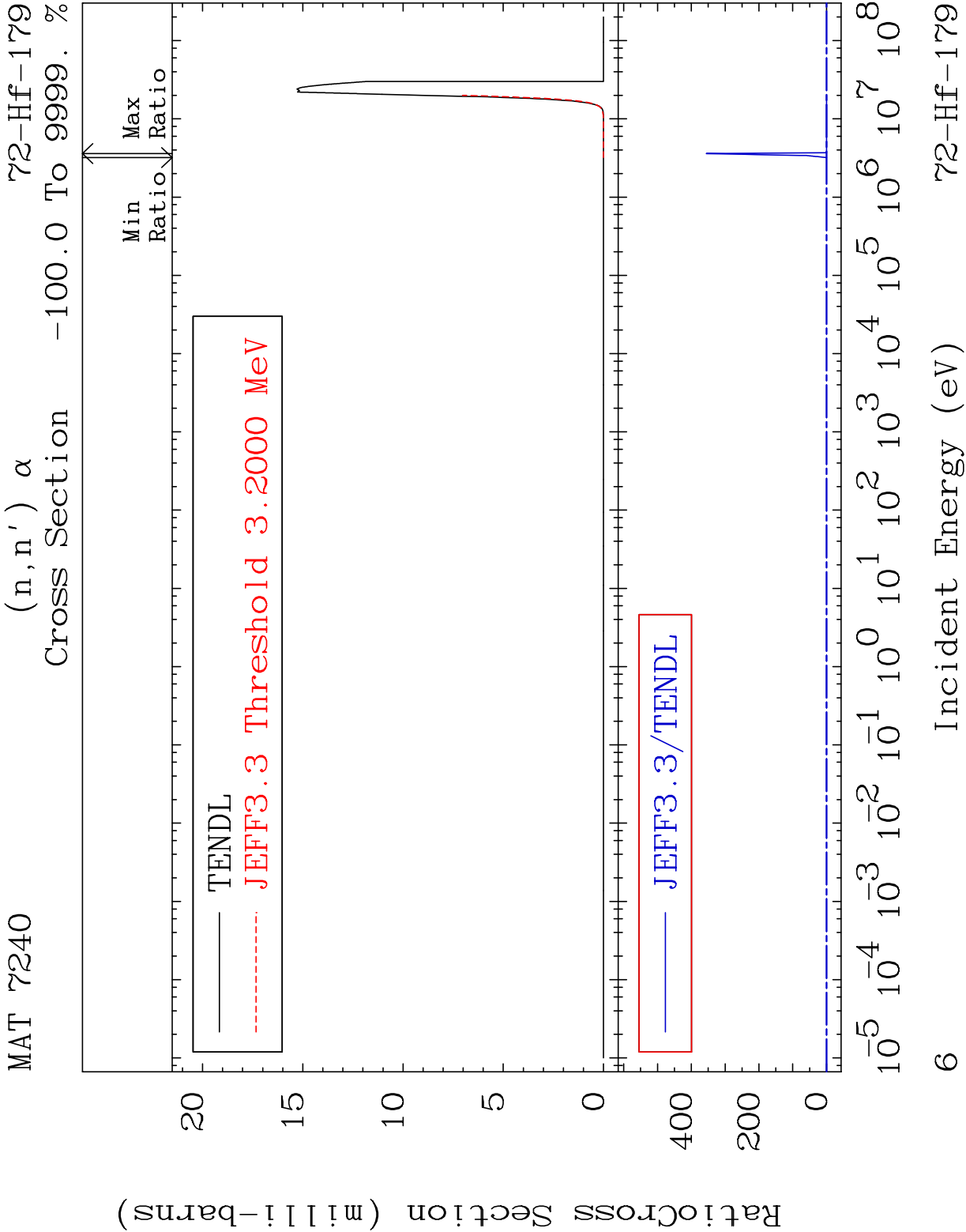
Incident Energy (eV)

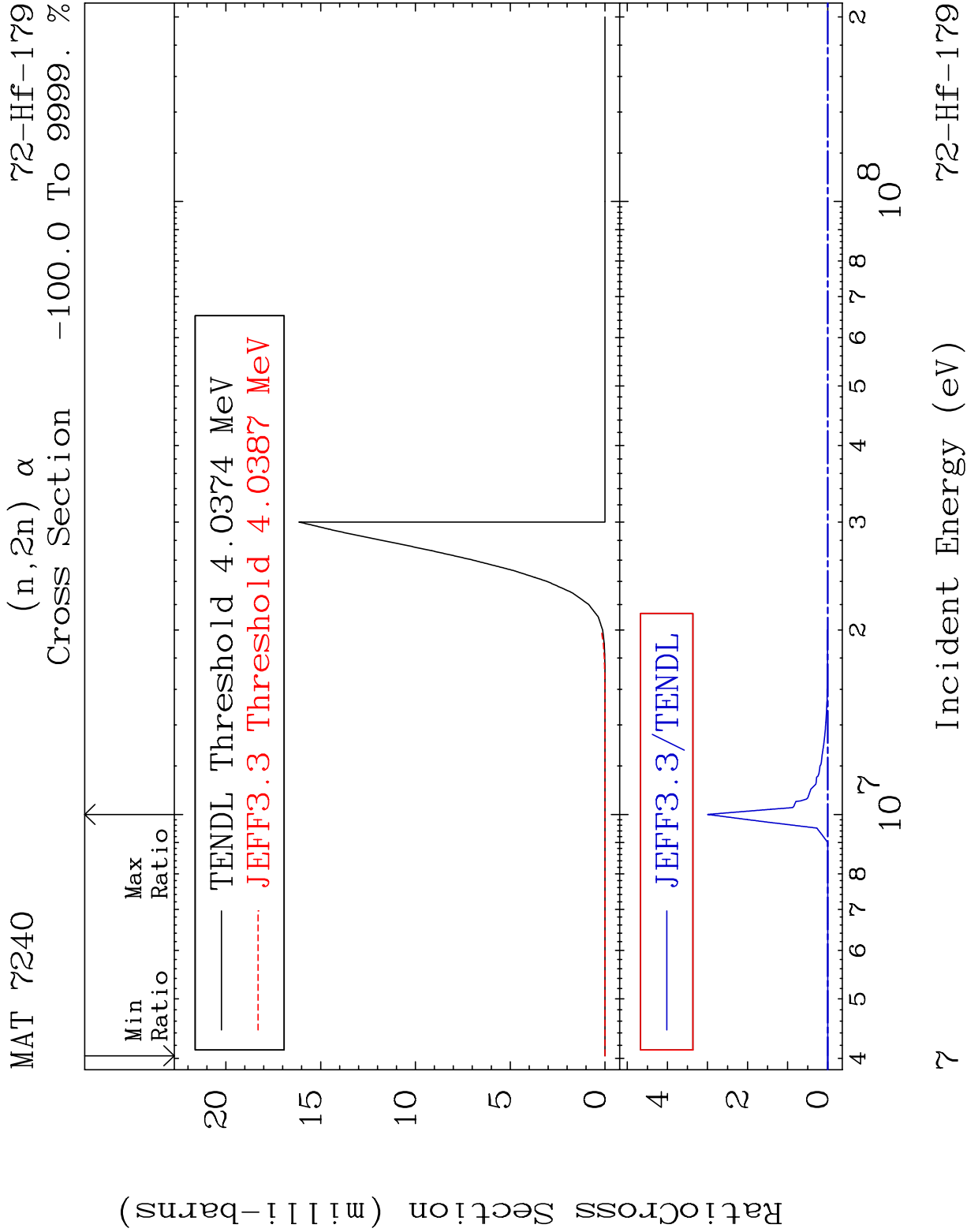
72-Hf-179

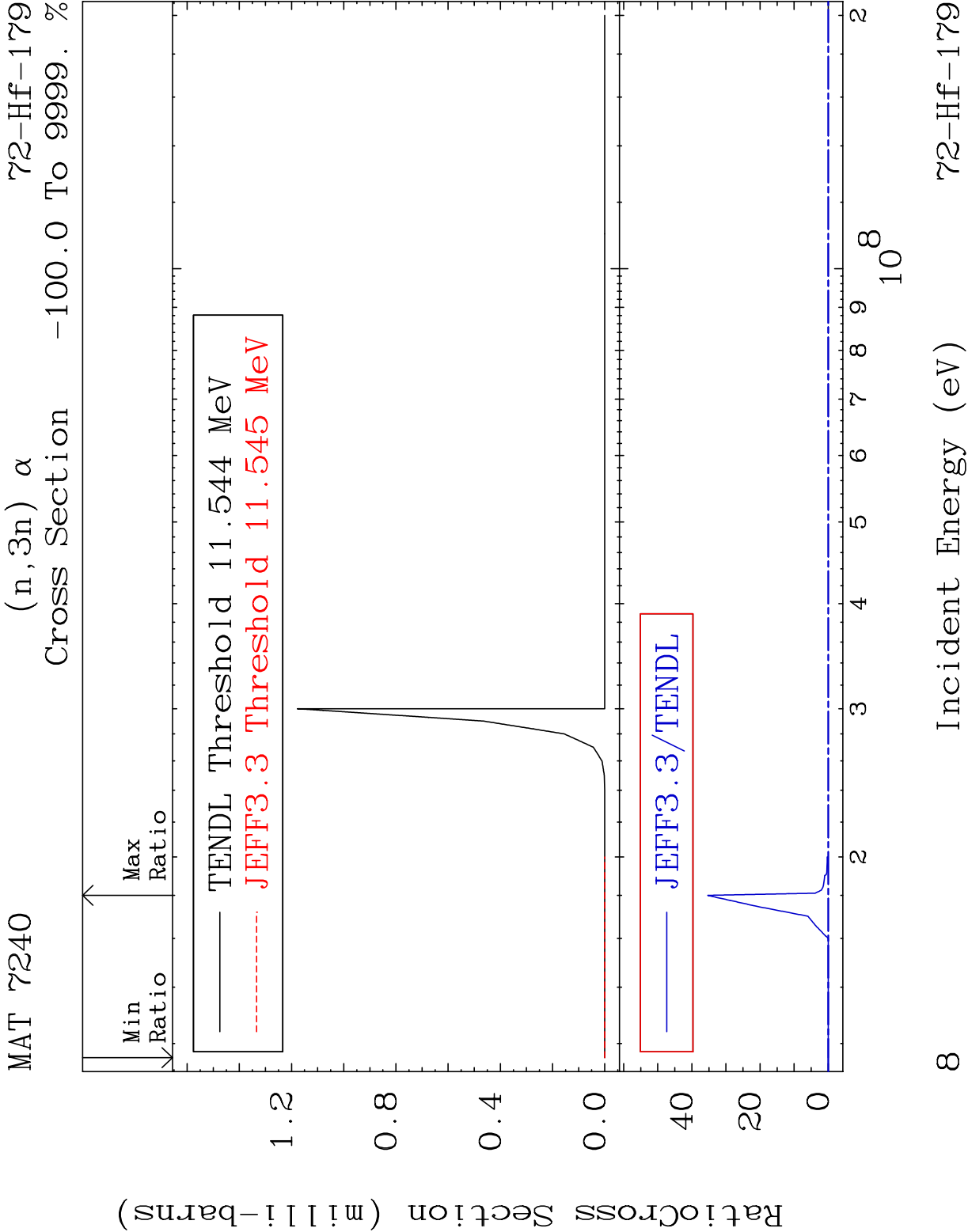


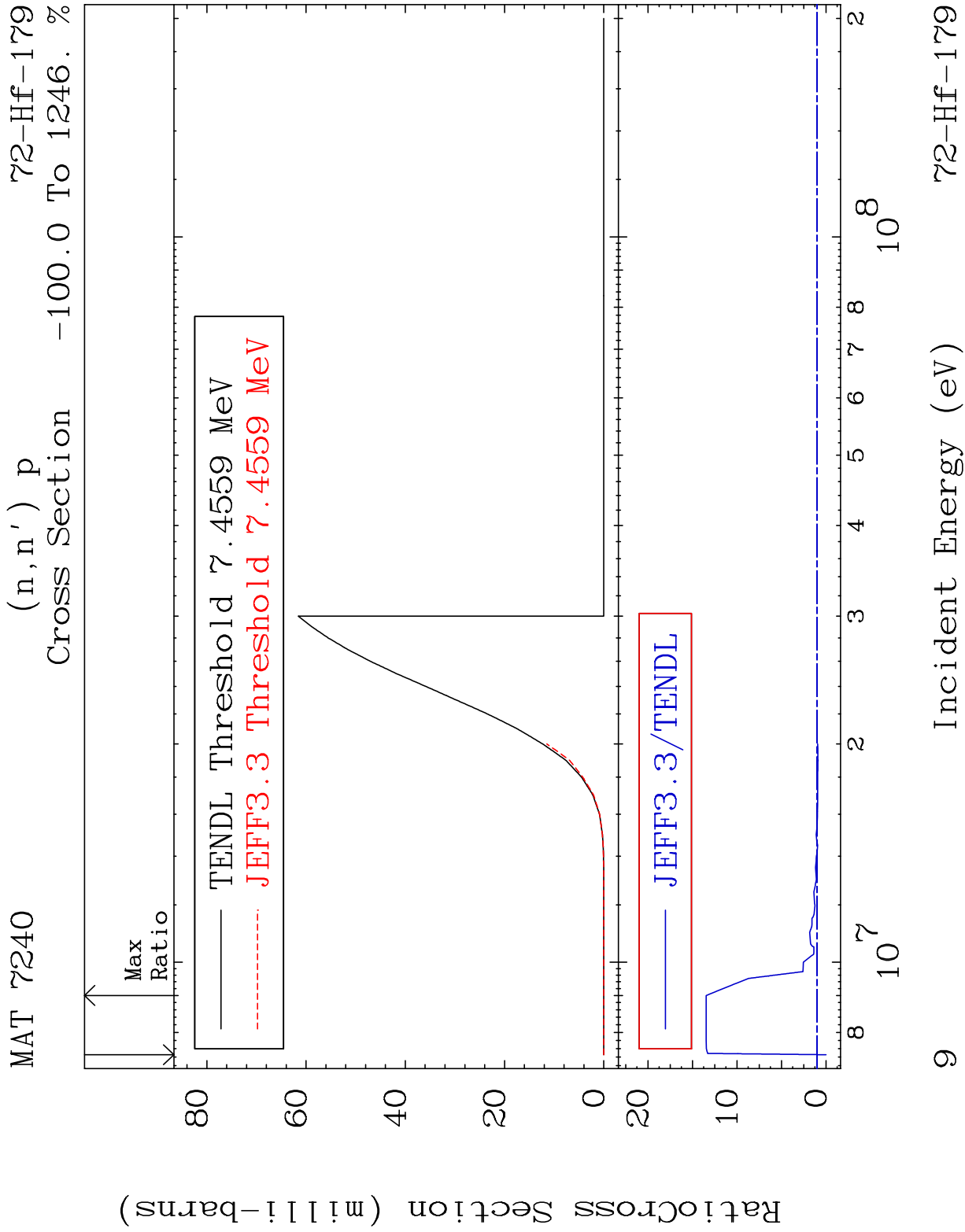


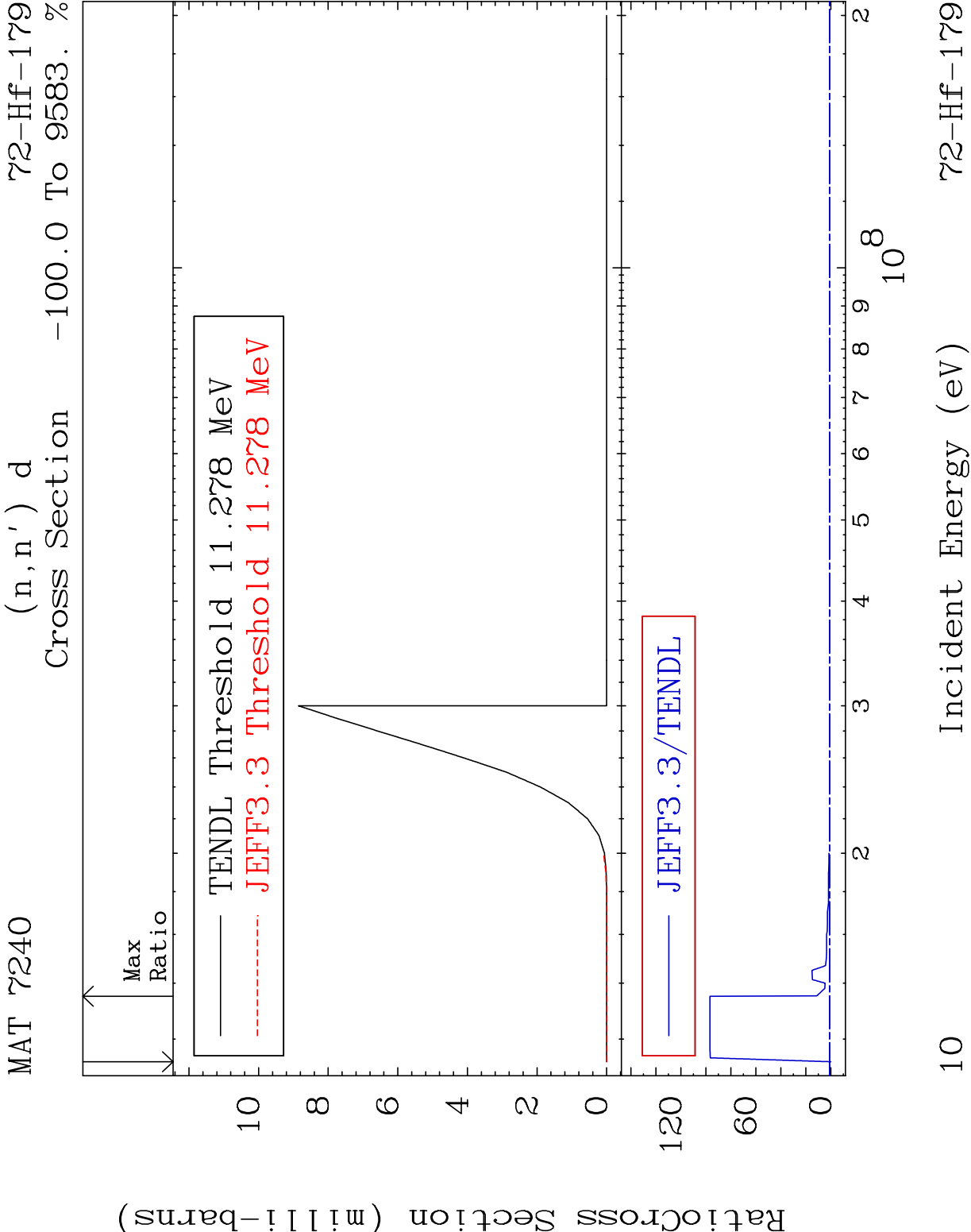


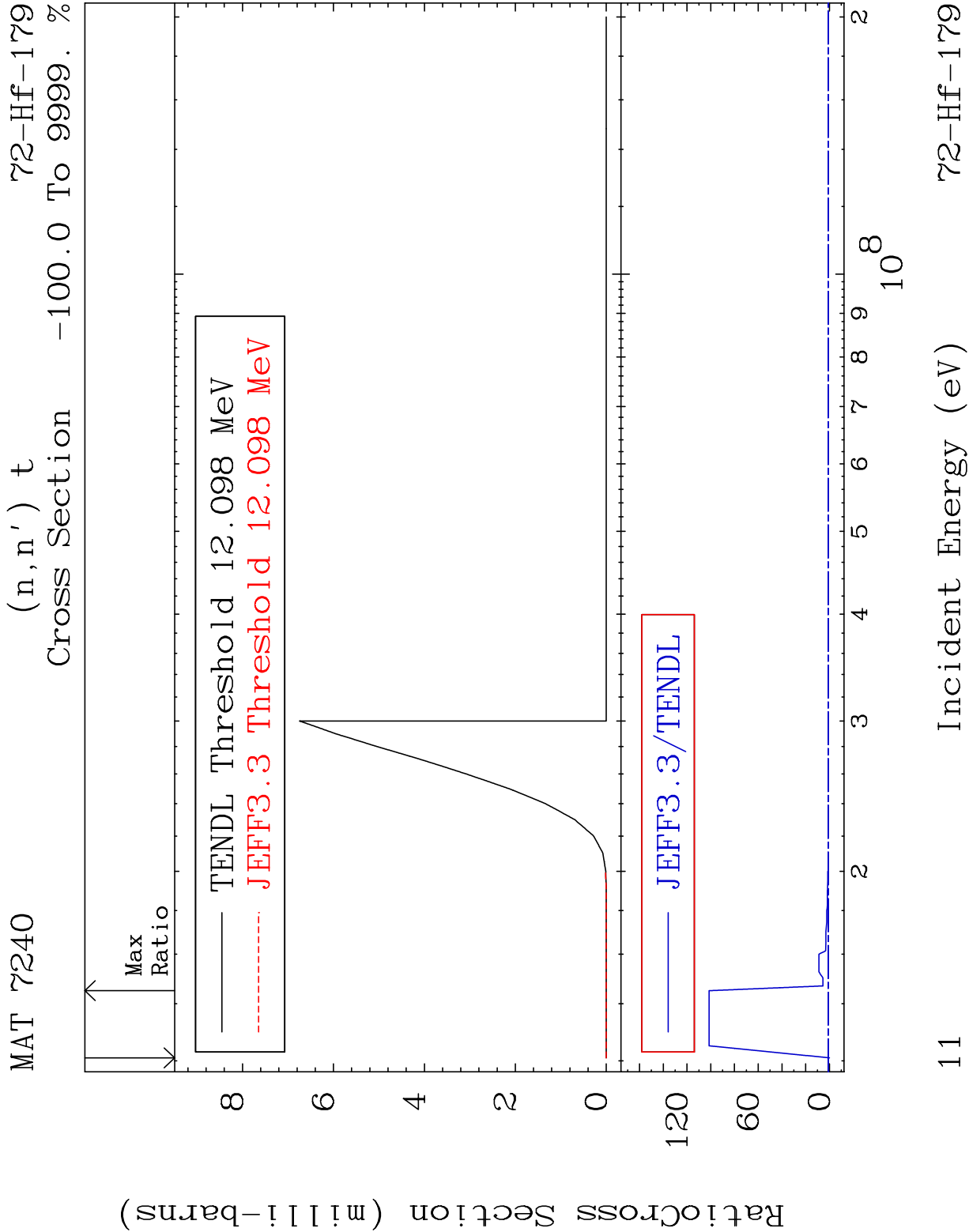


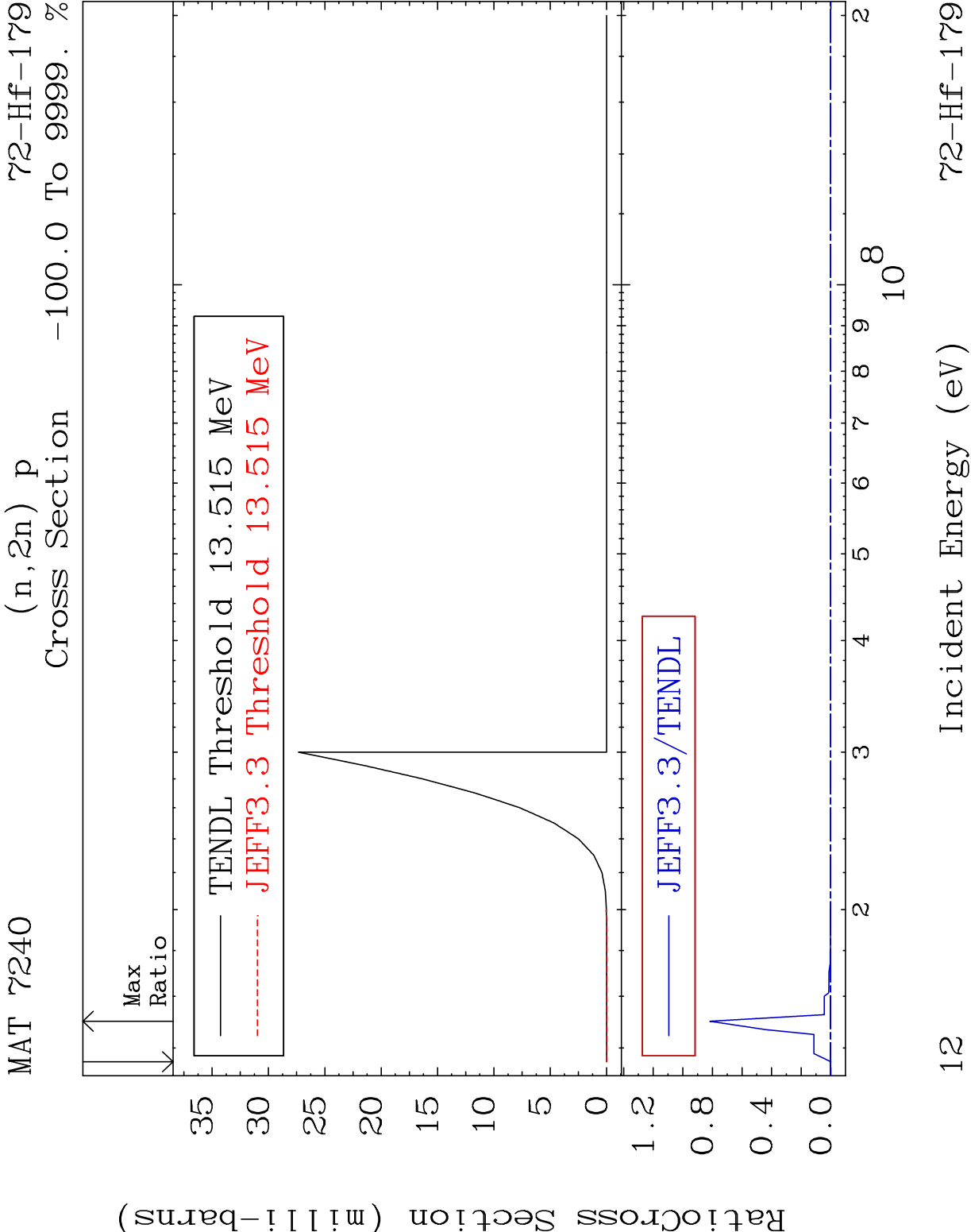












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Incident Energy (eV)

72-Hf-179

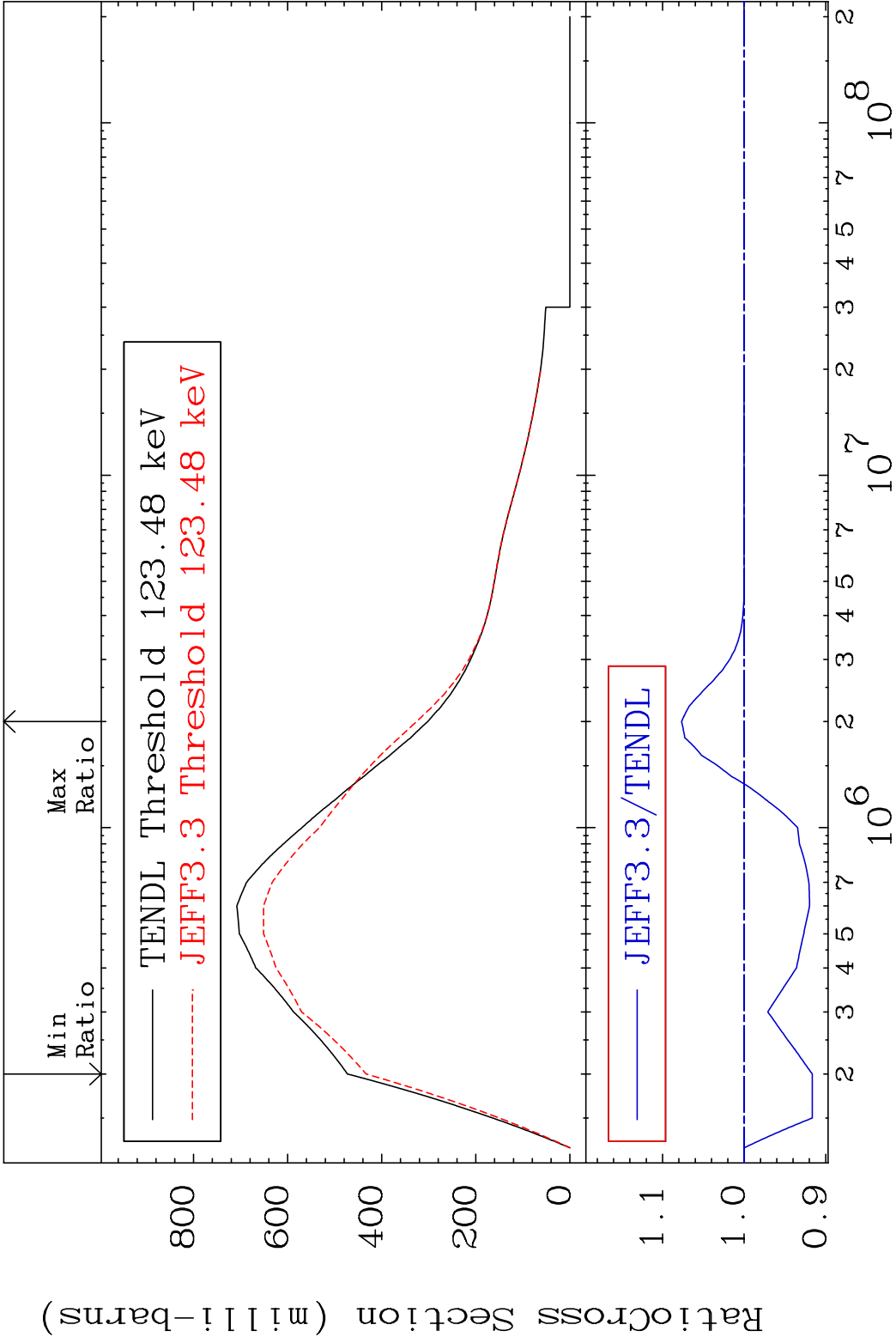
MAT 7240

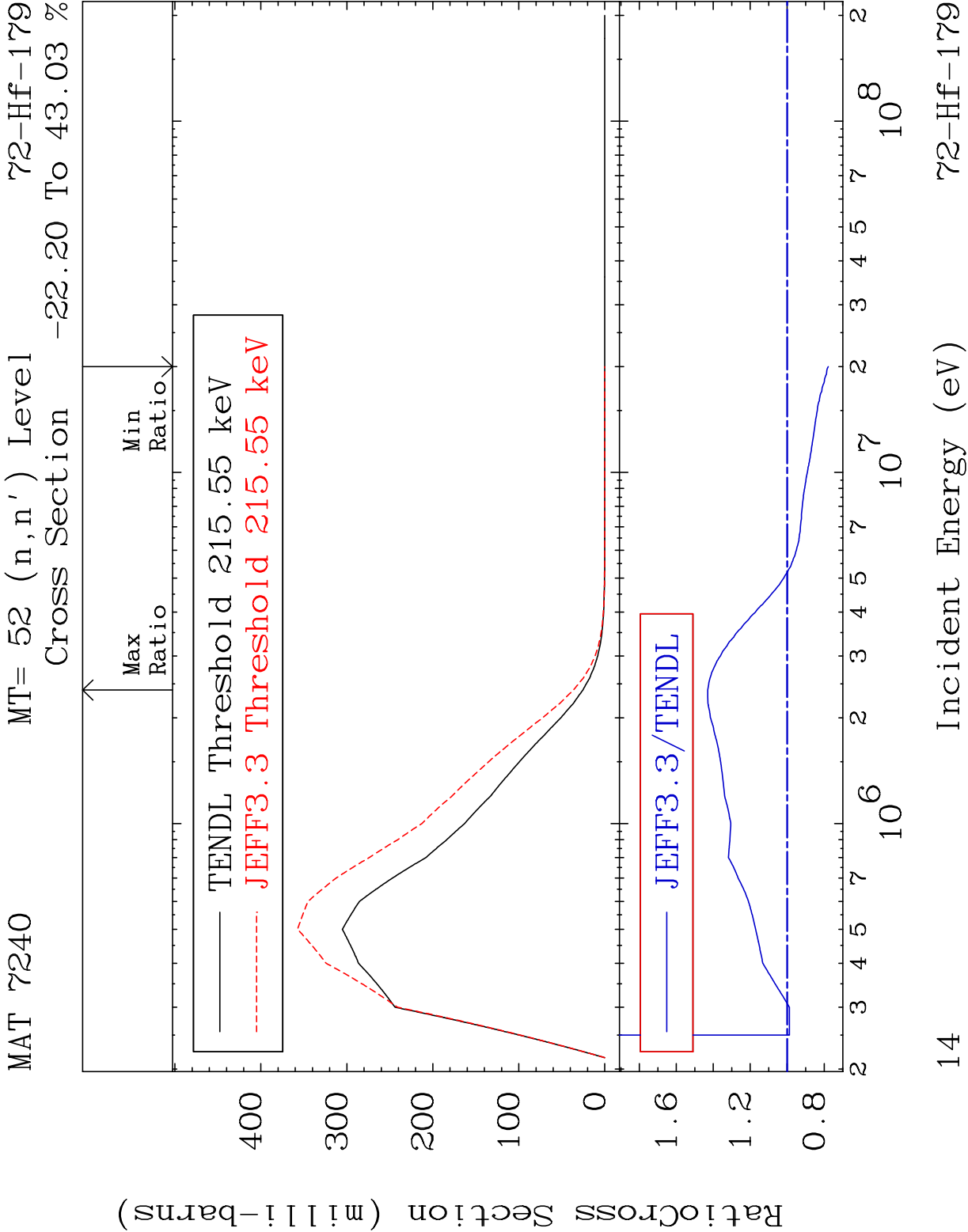
MT= 51 (n,n') Level

72-Hf-179

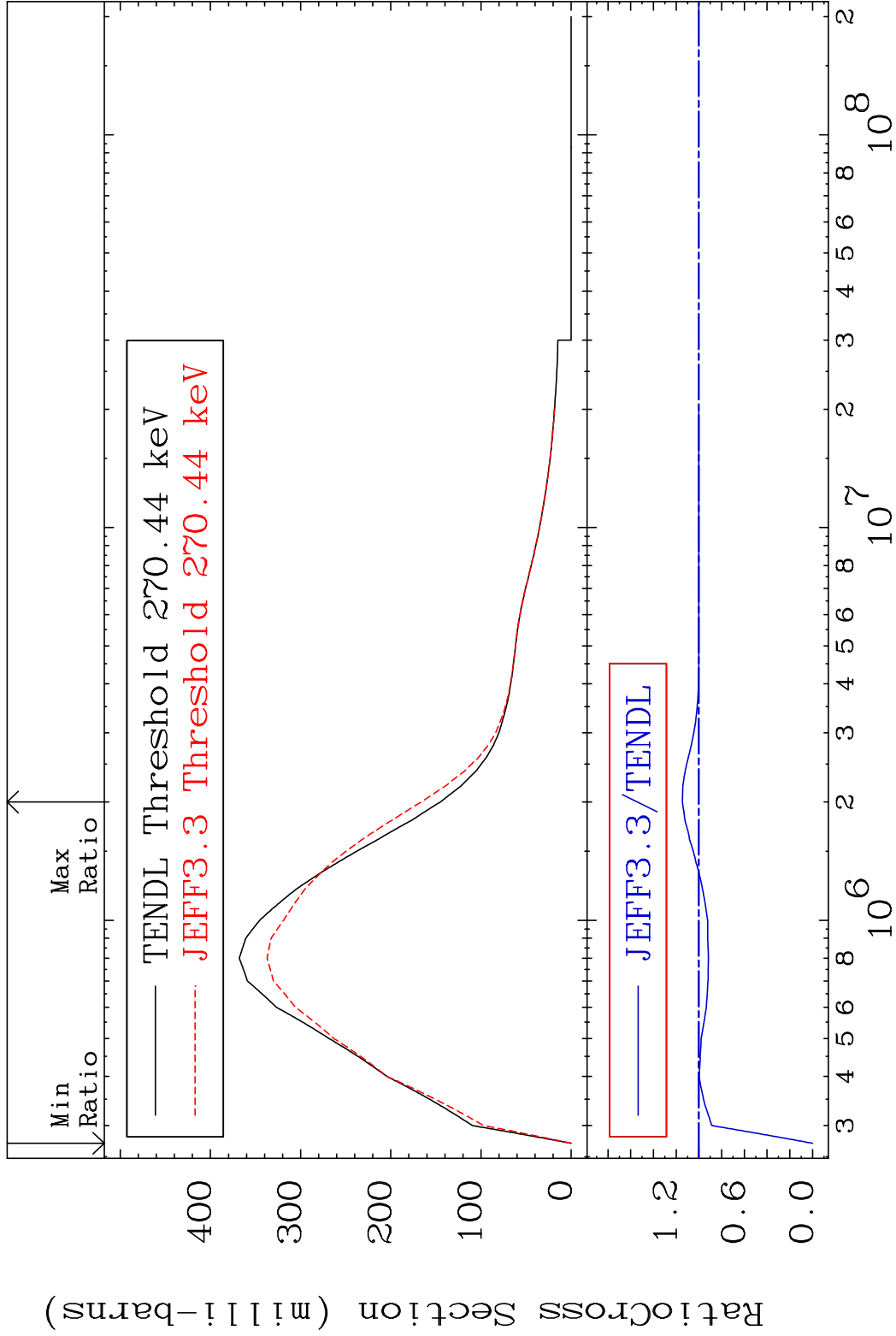
Cross Section

-8.350 To 7.675 %

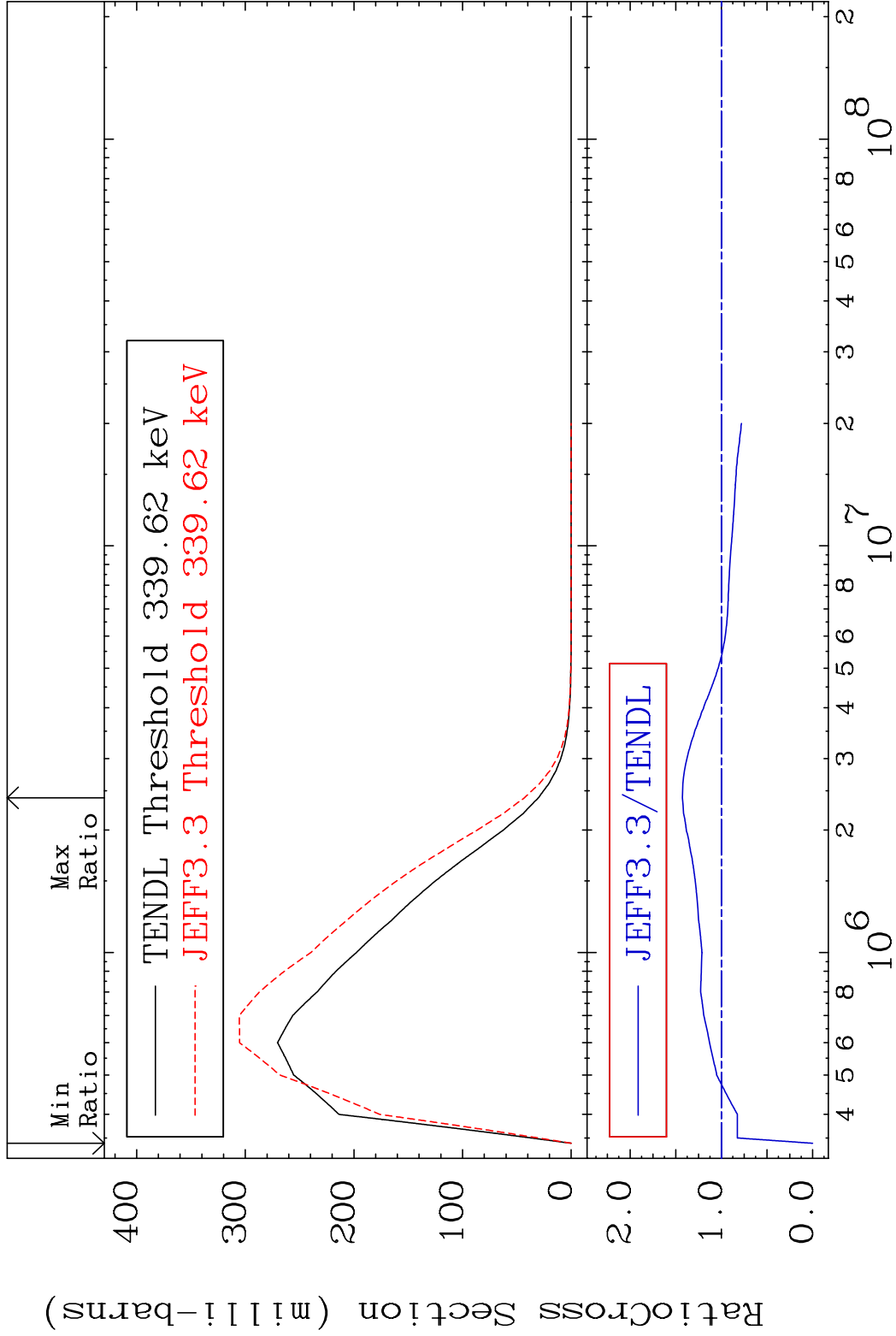




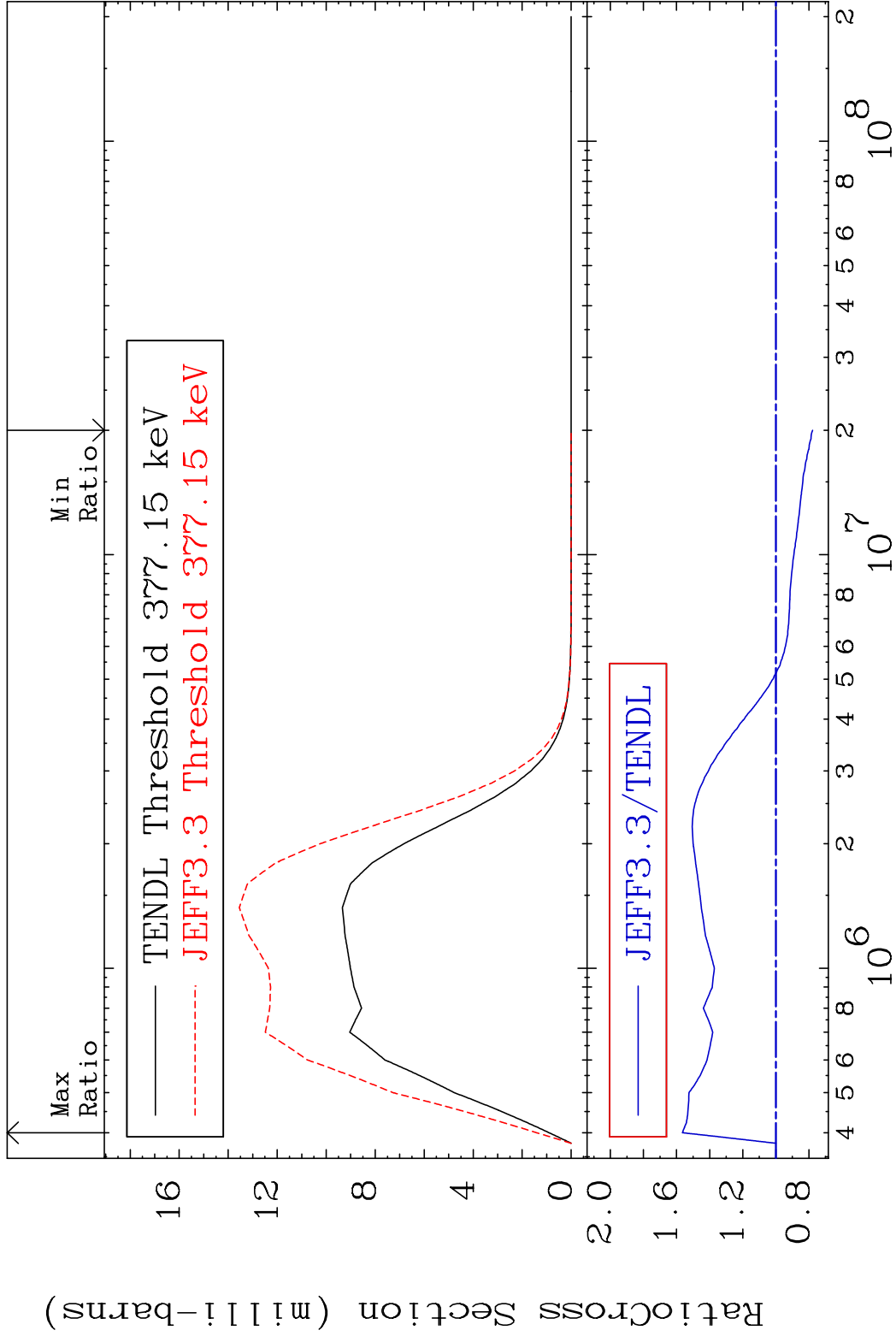
MAT 7240 MT= 53 (n,n') Level 72-Hf-179
Cross Section -100.0 To 14.56 %



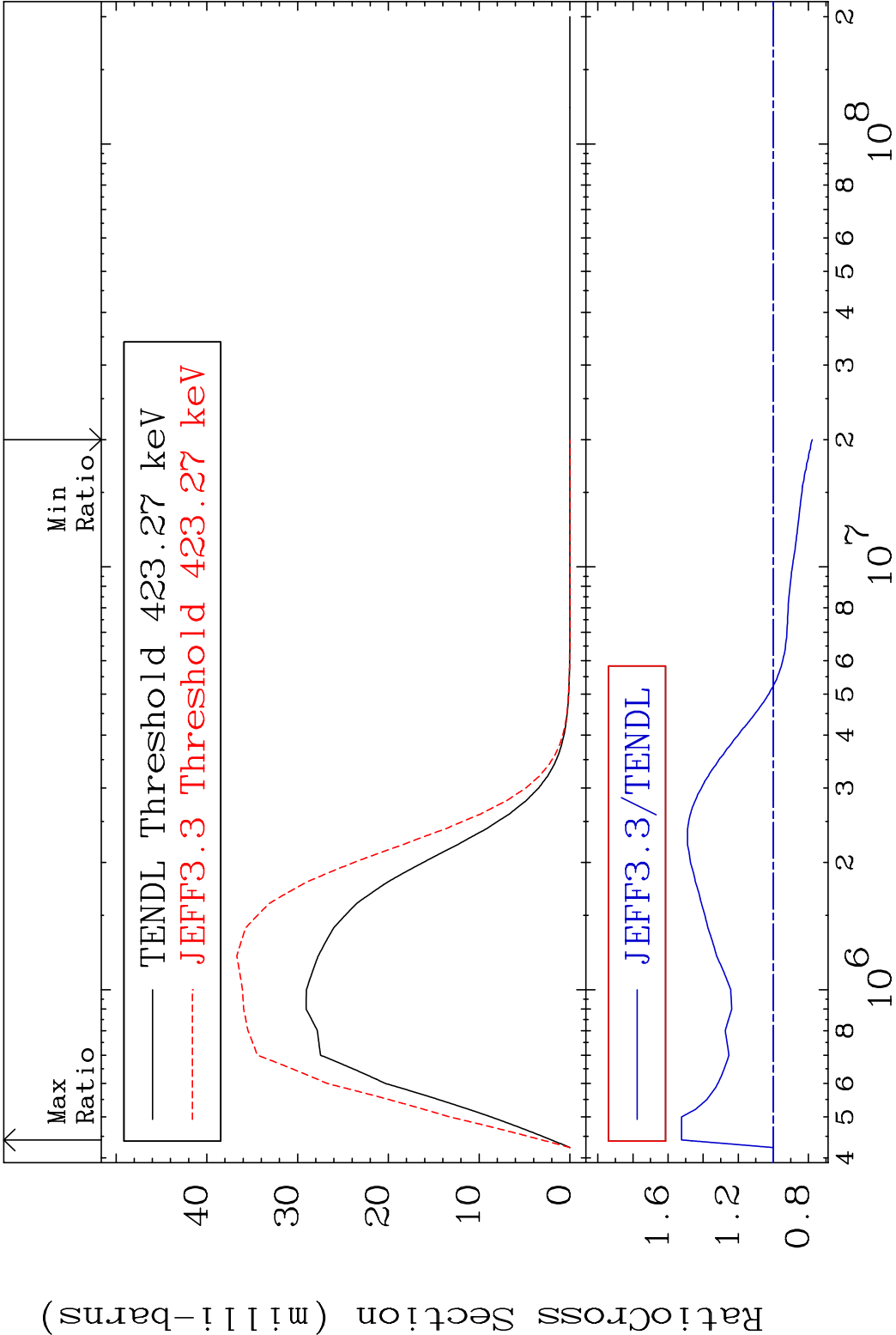
MAT 7240 MT= 54 (n,n') Level 72-Hf-179
Cross Section -100.0 To 42.72 %

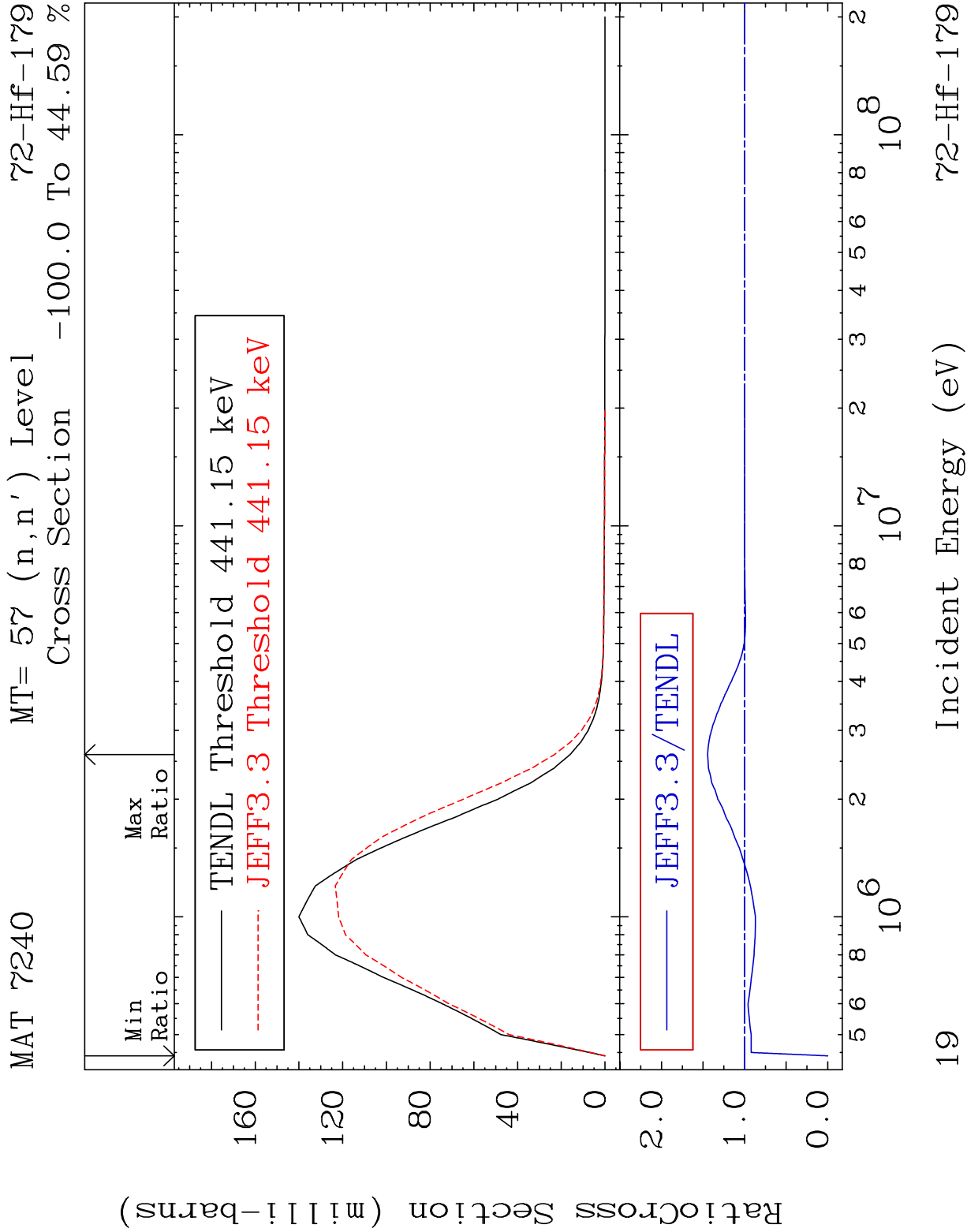


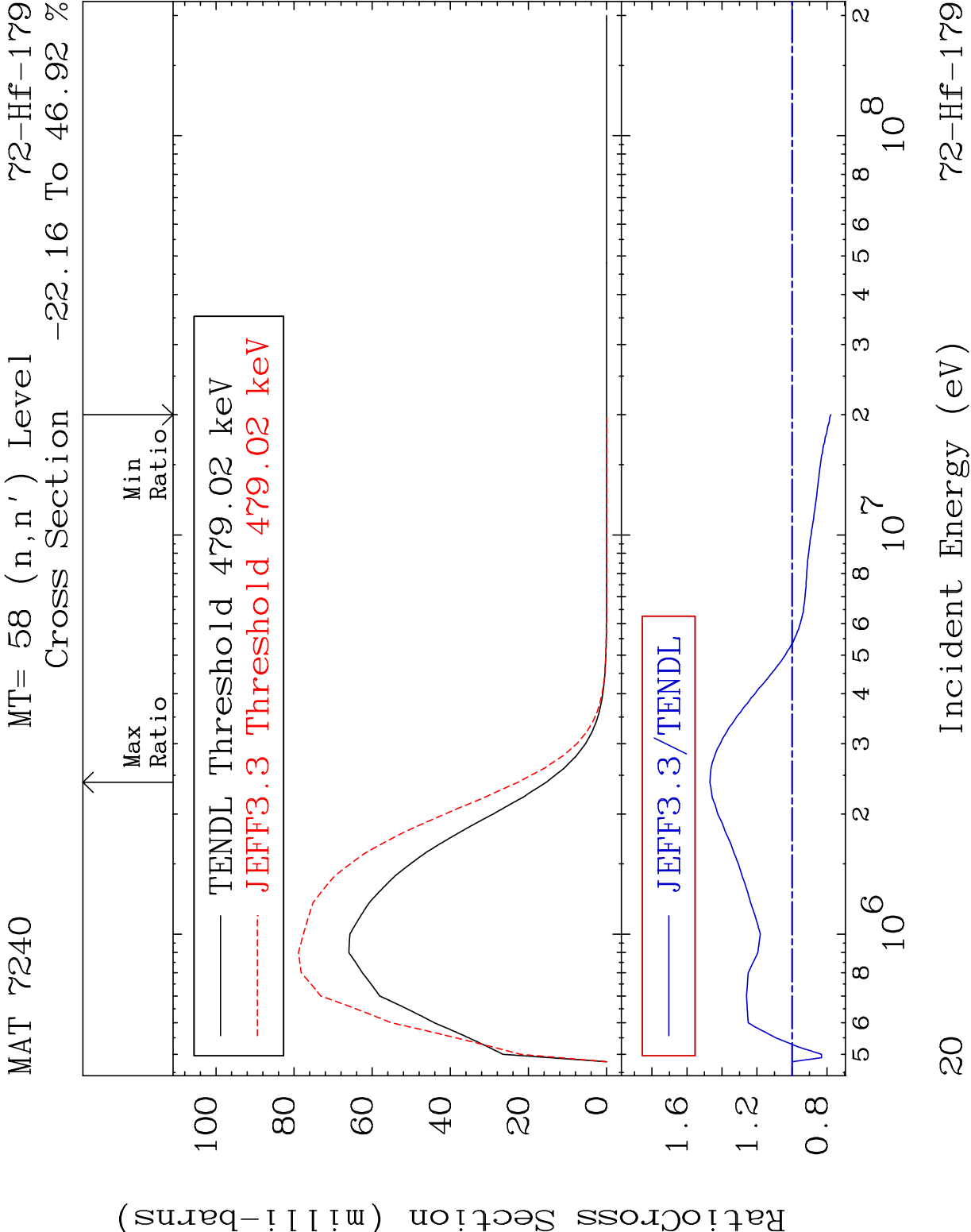
MAT 7240 MT= 55 (n,n') Level 72-Hf-179
Cross Section -22.19 To 56.49 %



MAT 7240 MT= 56 (n,n') Level 72-Hf-179
Cross Section -22.17 To 52.32 %







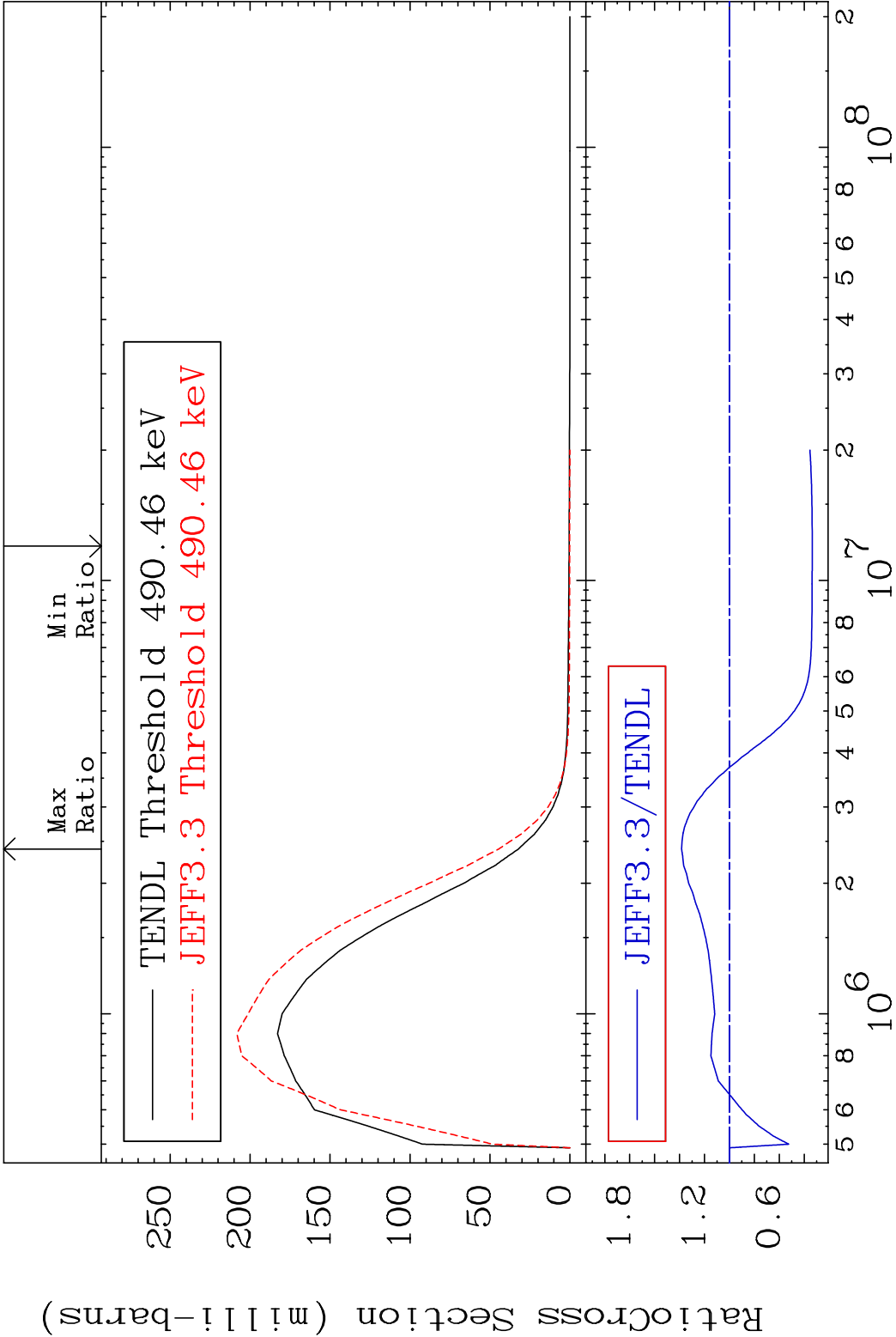
MAT 7240

MT= 59 (n,n') Level

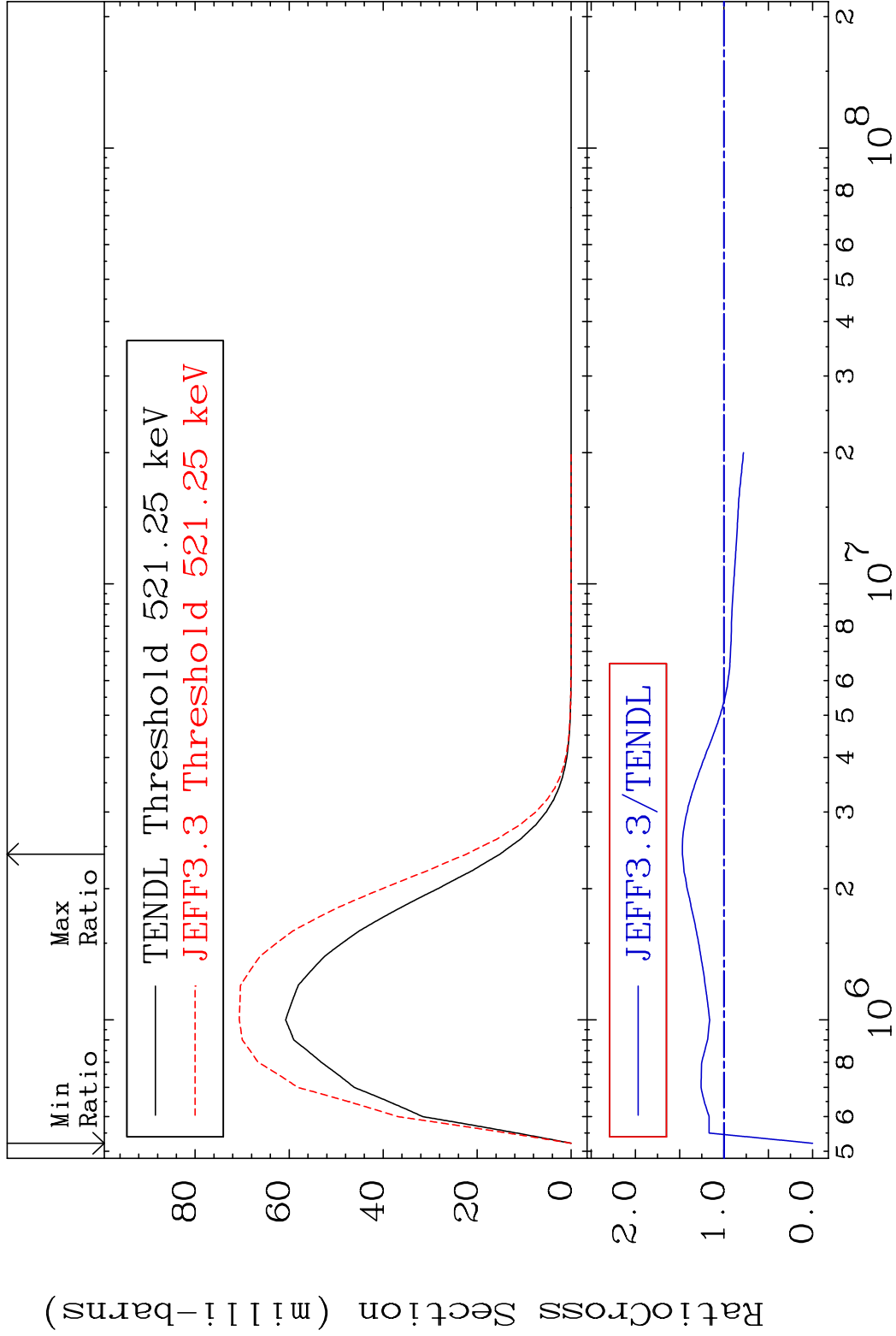
72-Hf-179

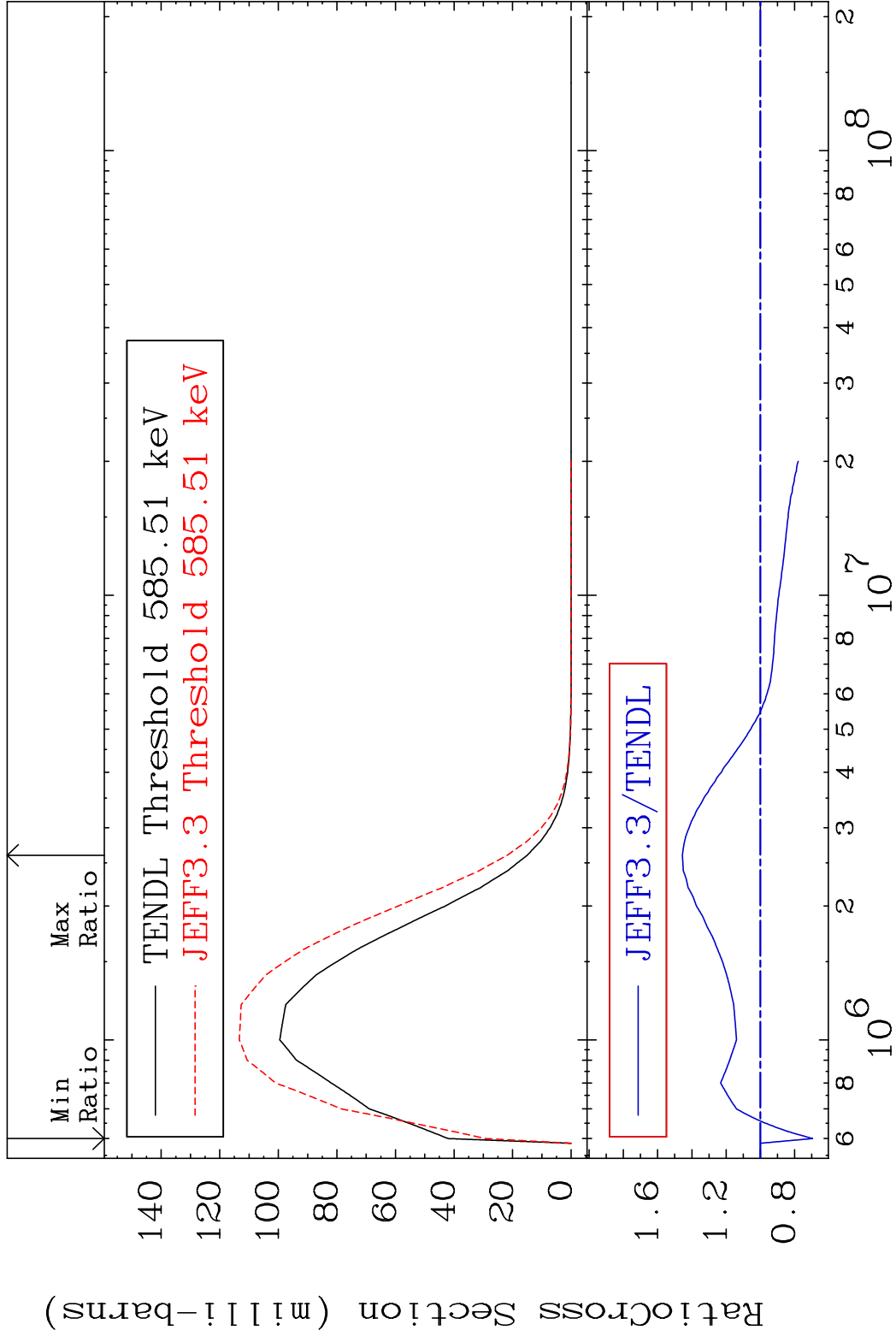
Cross Section

-66.45 To 38.41 %

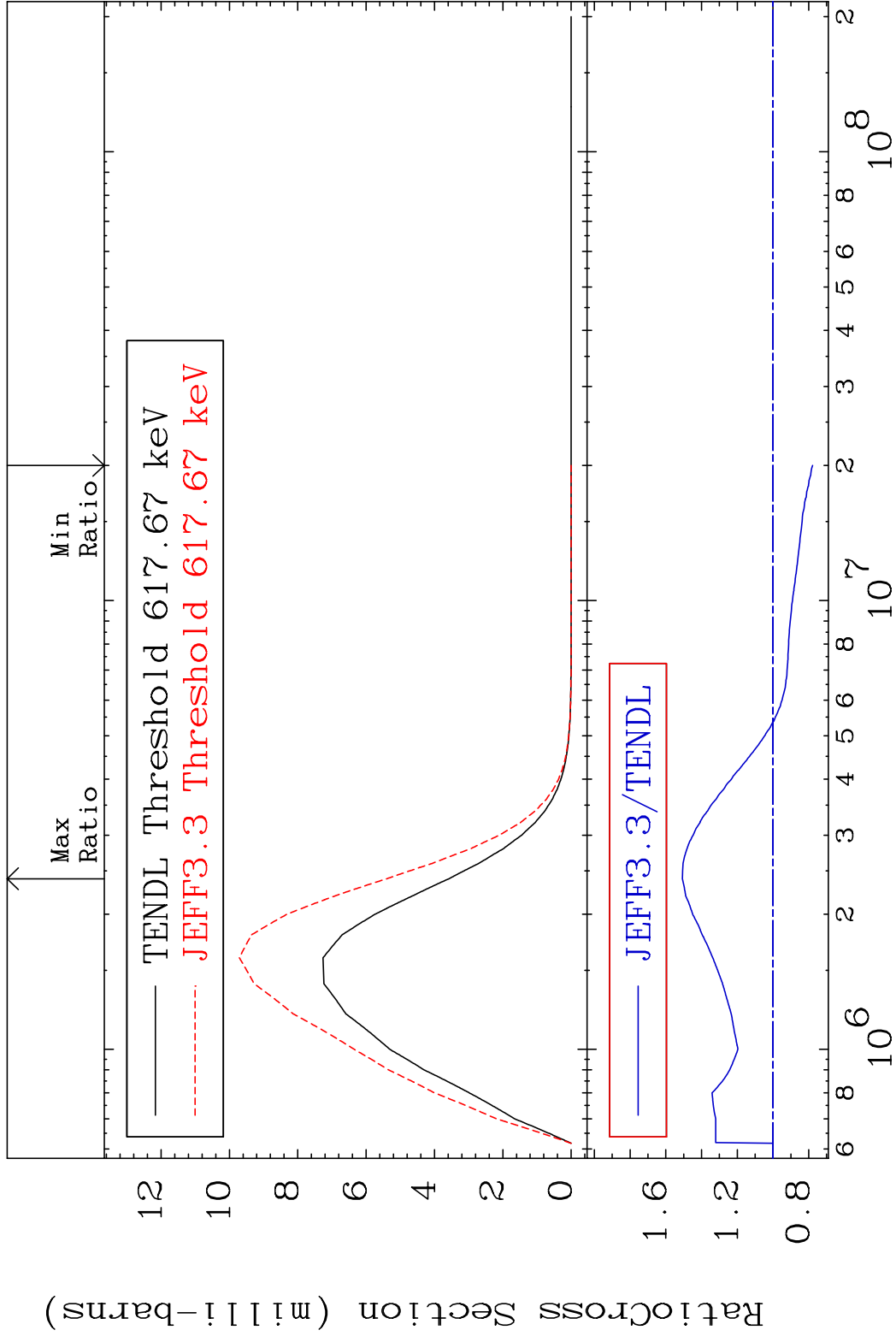


MAT 7240 MT= 60 (n,n') Level 72-Hf-179
Cross Section -100.0 To 47.02 %

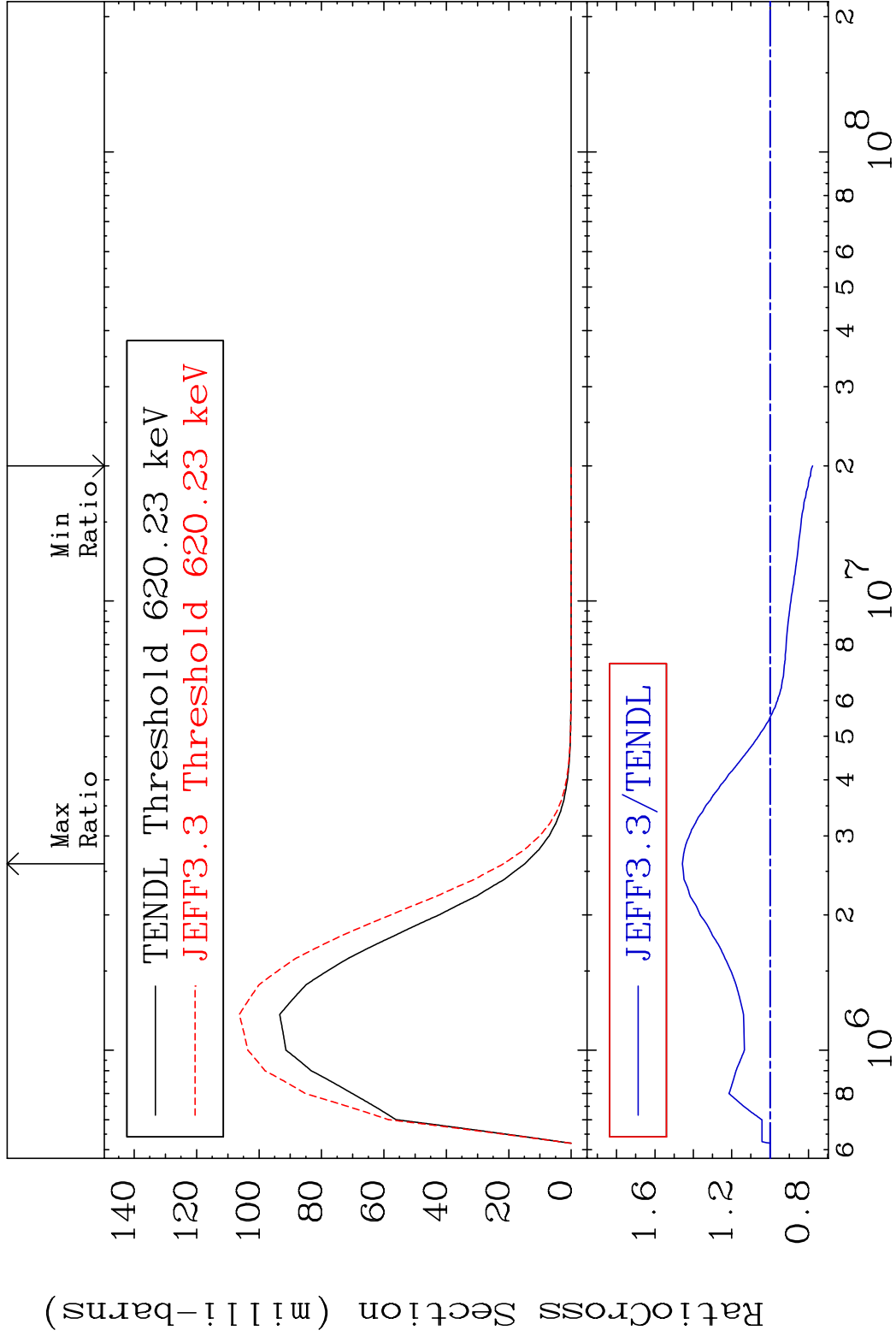




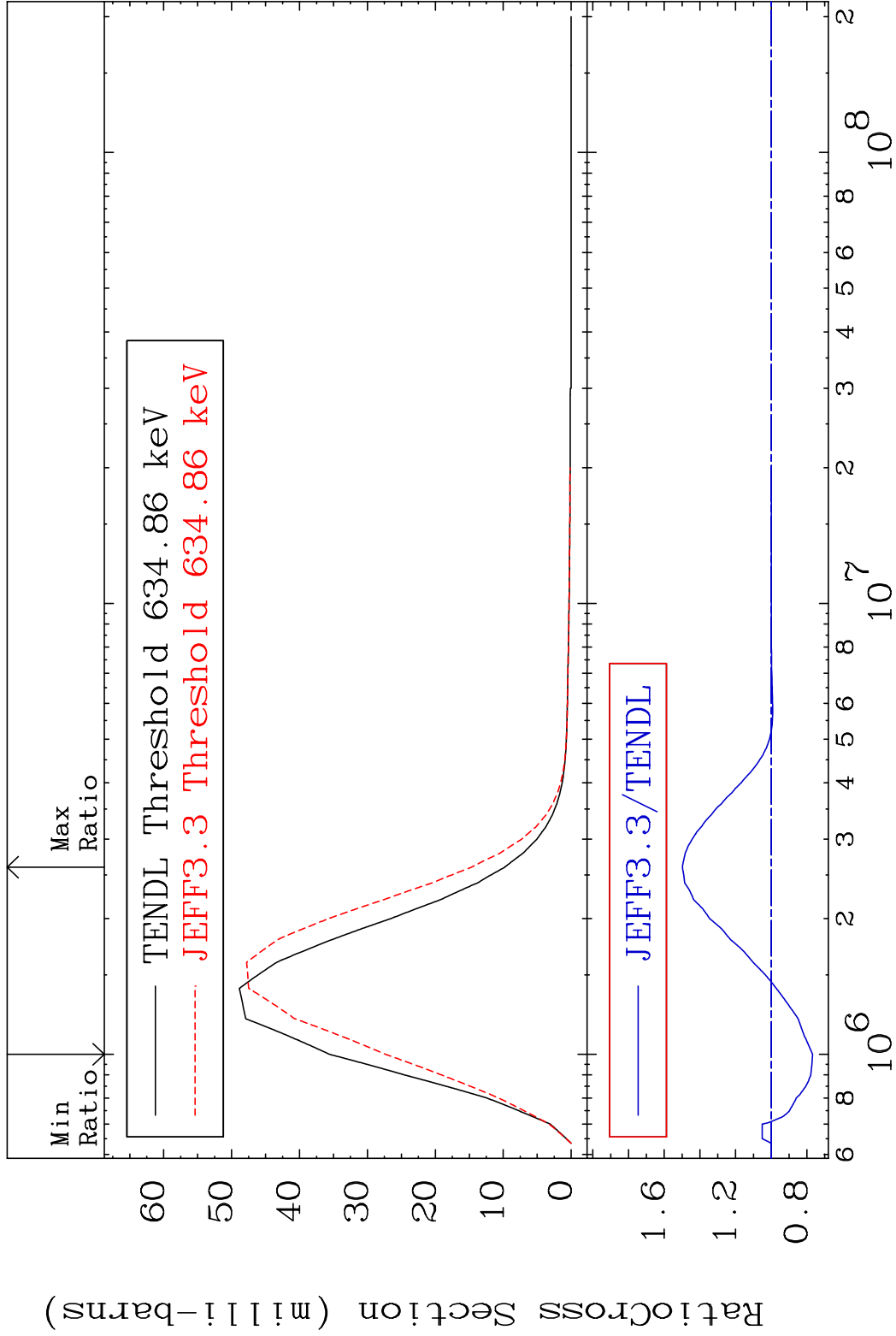
MAT 7240 MT= 62 (n,n') Level 72-Hf-179
Cross Section -22.14 To 50.73 %



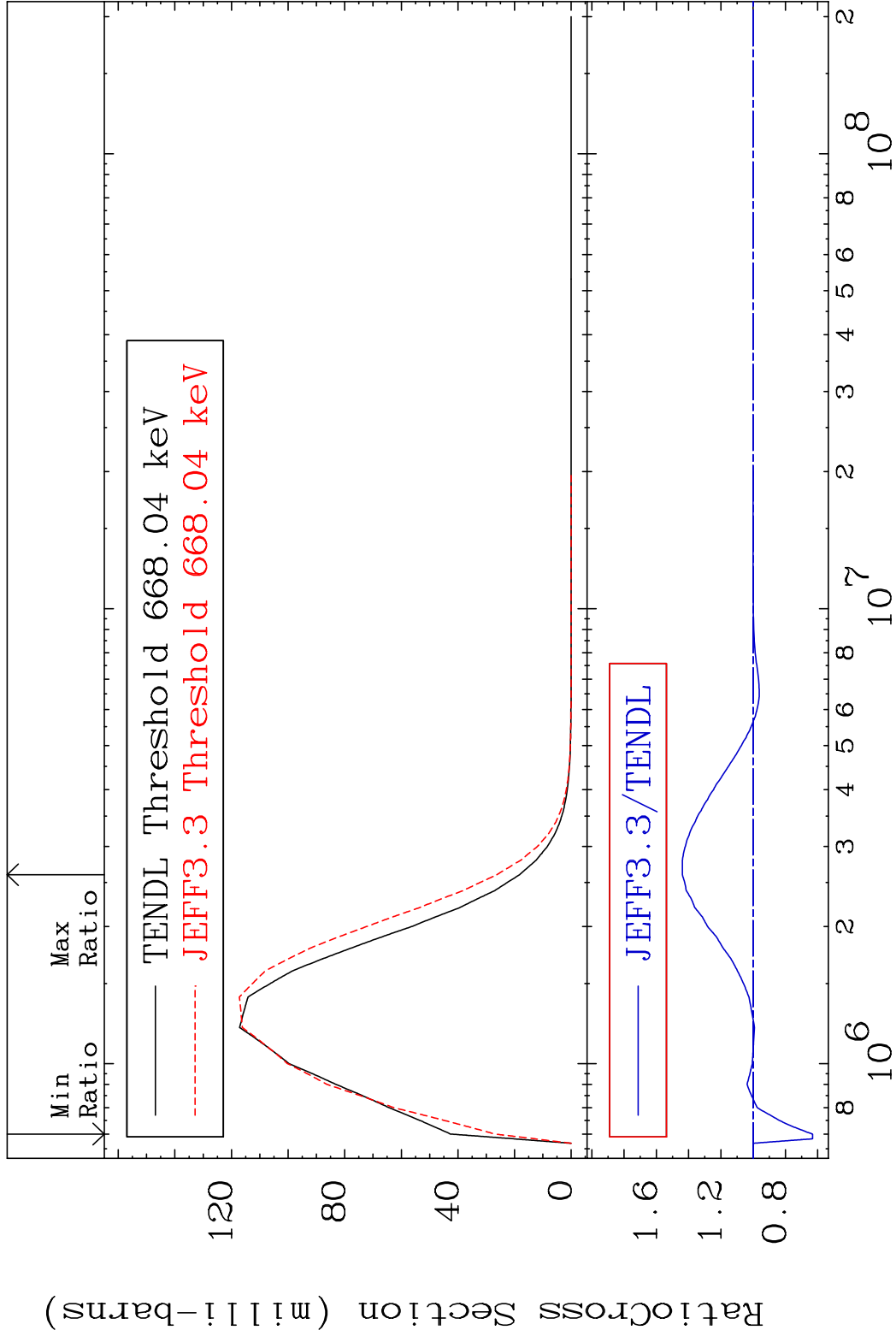
MAT 7240 MT= 63 (n,n') Level 72-Hf-179
Cross Section -22.13 To 45.72 %



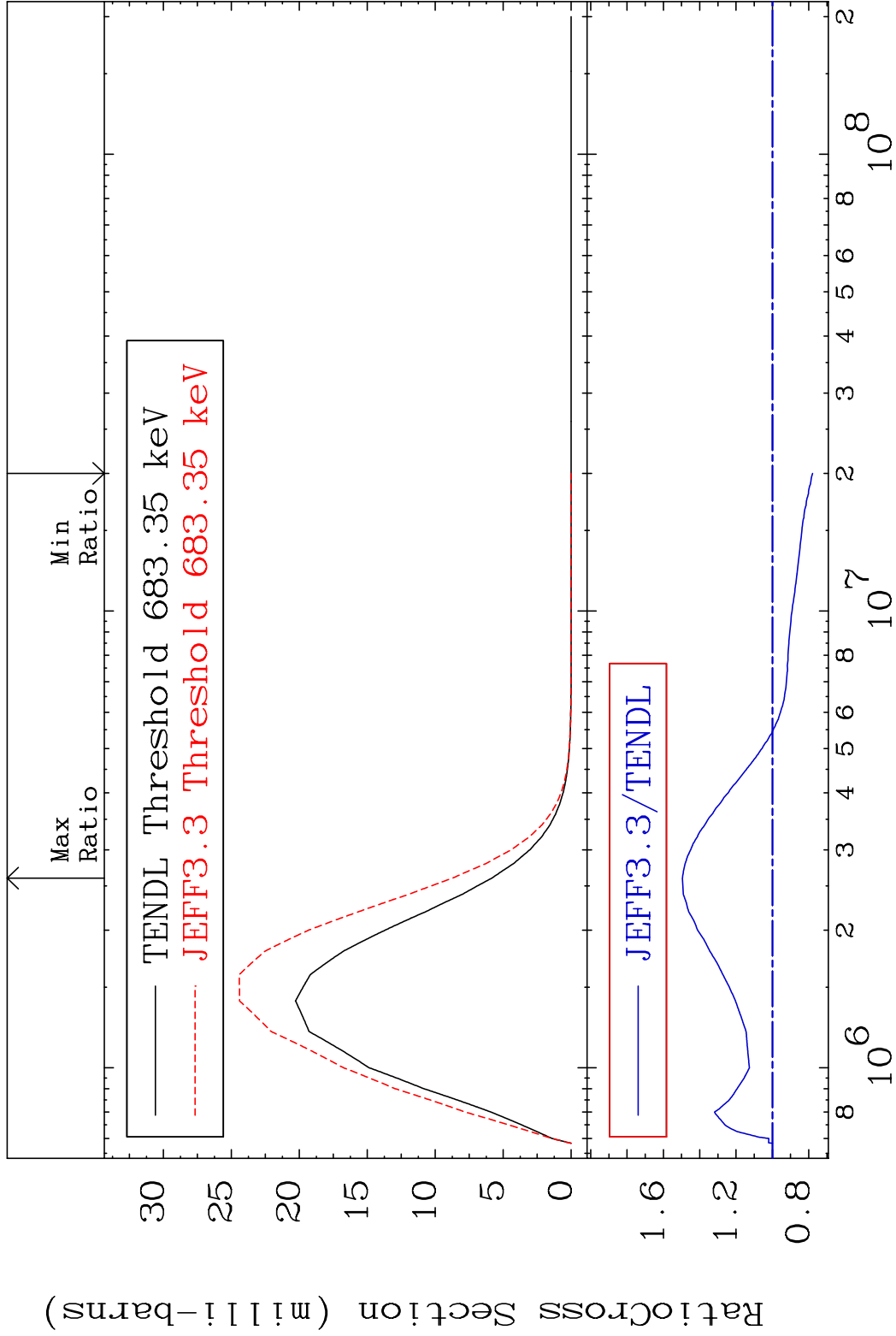
MAT 7240 MT= 64 (n,n') Level 72-Hf-179
Cross Section -23.14 To 49.84 %



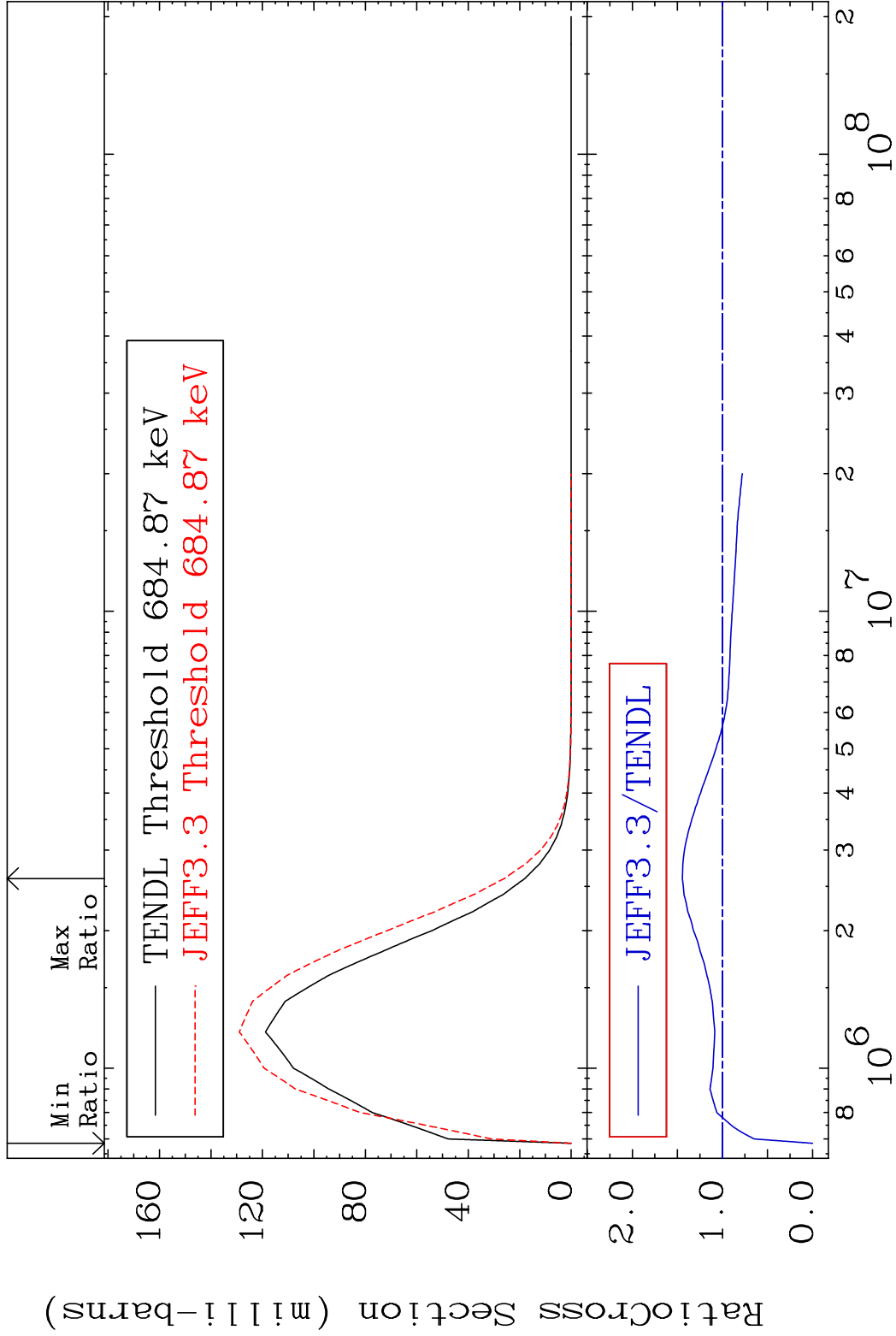
MAT 7240 MT= 65 (n,n') Level 72-Hf-179
Cross Section -36.80 To 43.89 %



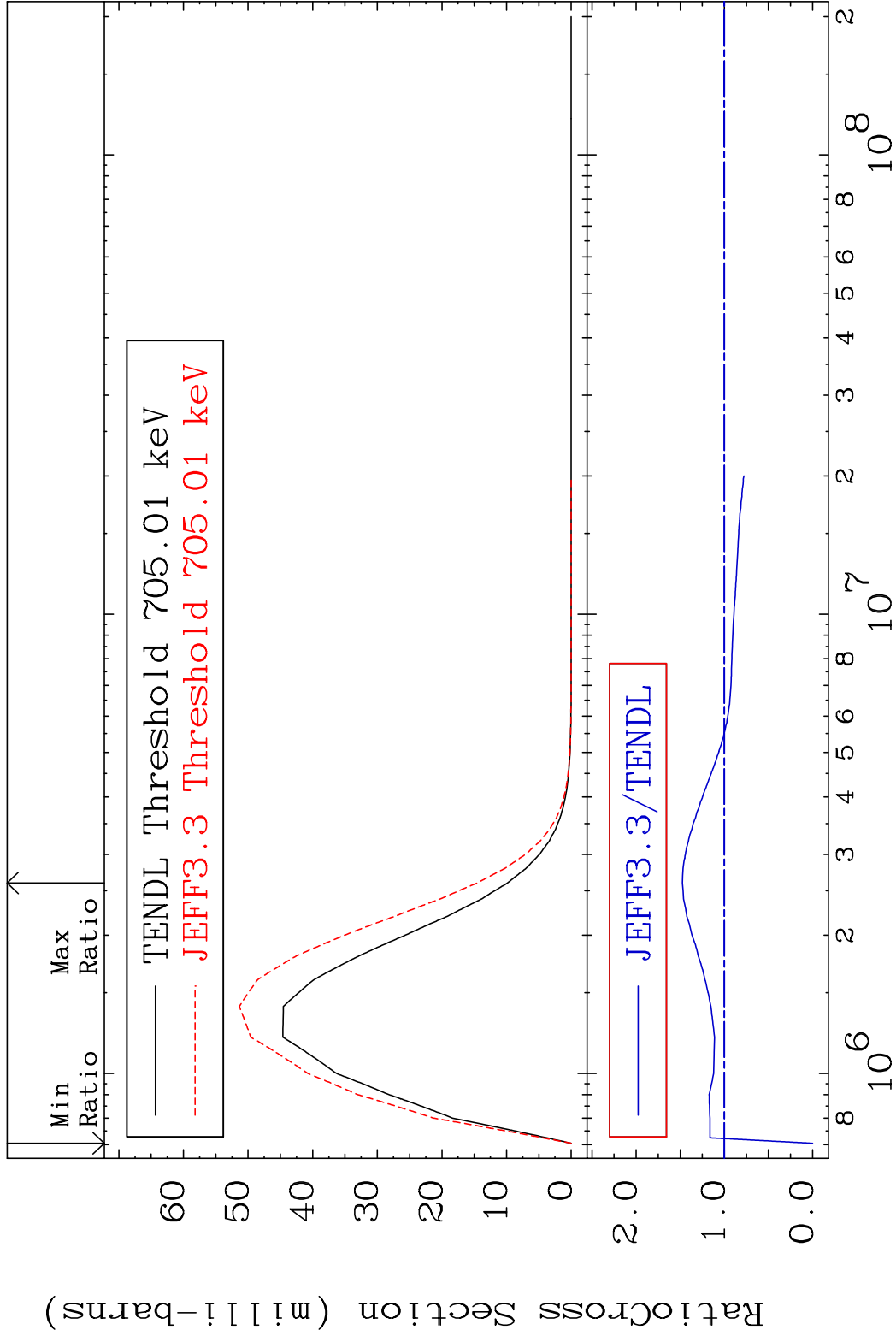
MAT 7240 MT= 66 (n,n') Level 72-Hf-179
Cross Section -22.12 To 49.56 %



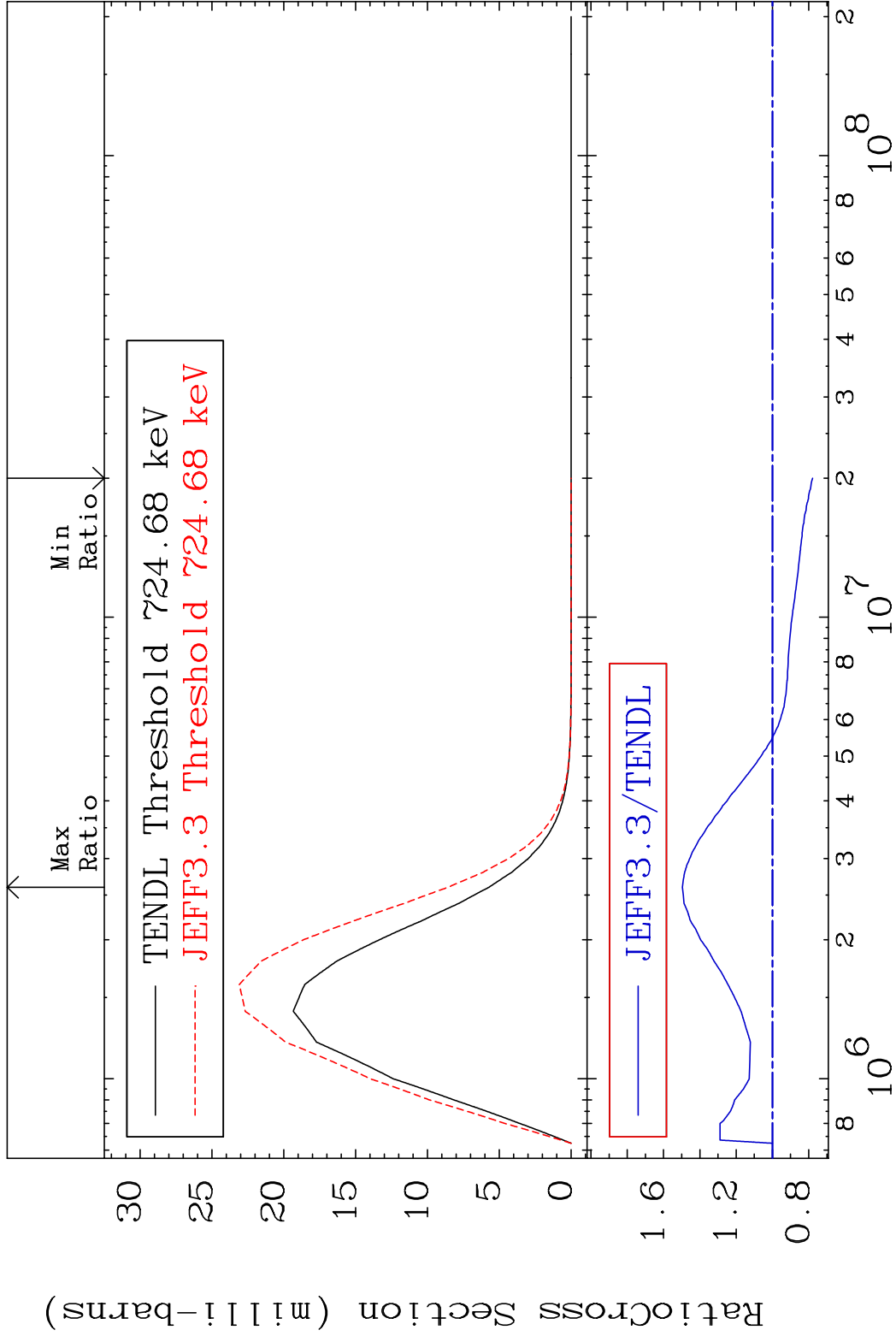
MAT 7240 MT= 67 (n,n') Level 72-Hf-179
Cross Section -100.0 To 44.51 %



MAT 7240 MT= 68 (n,n') Level 72-Hf-179
Cross Section -100.0 To 47.60 %



MAT 7240 MT= 69 (n,n') Level 72-Hf-179
Cross Section -22.11 To 49.65 %



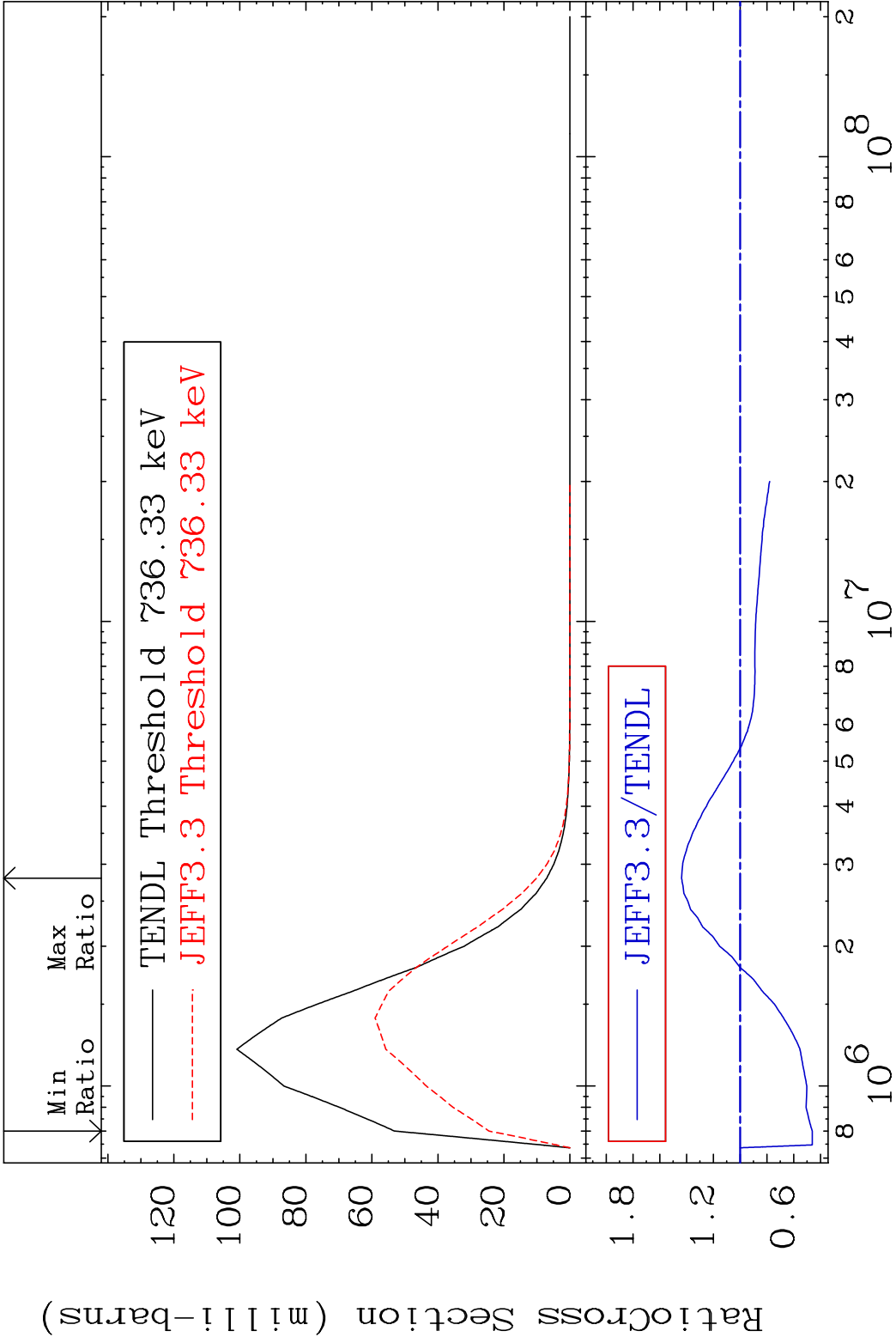
MAT 7240

MT= 70 (n,n') Level

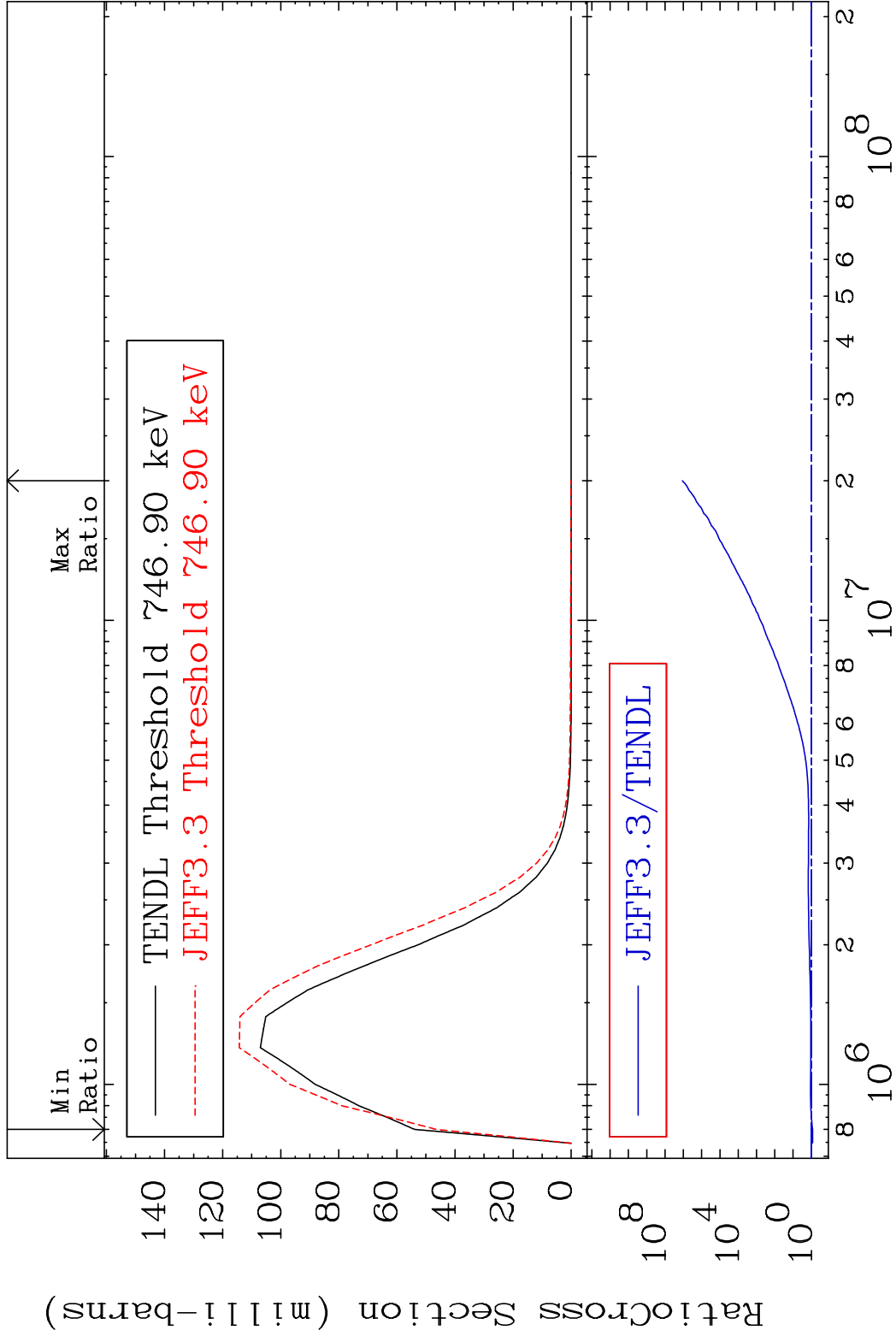
72-Hf-179

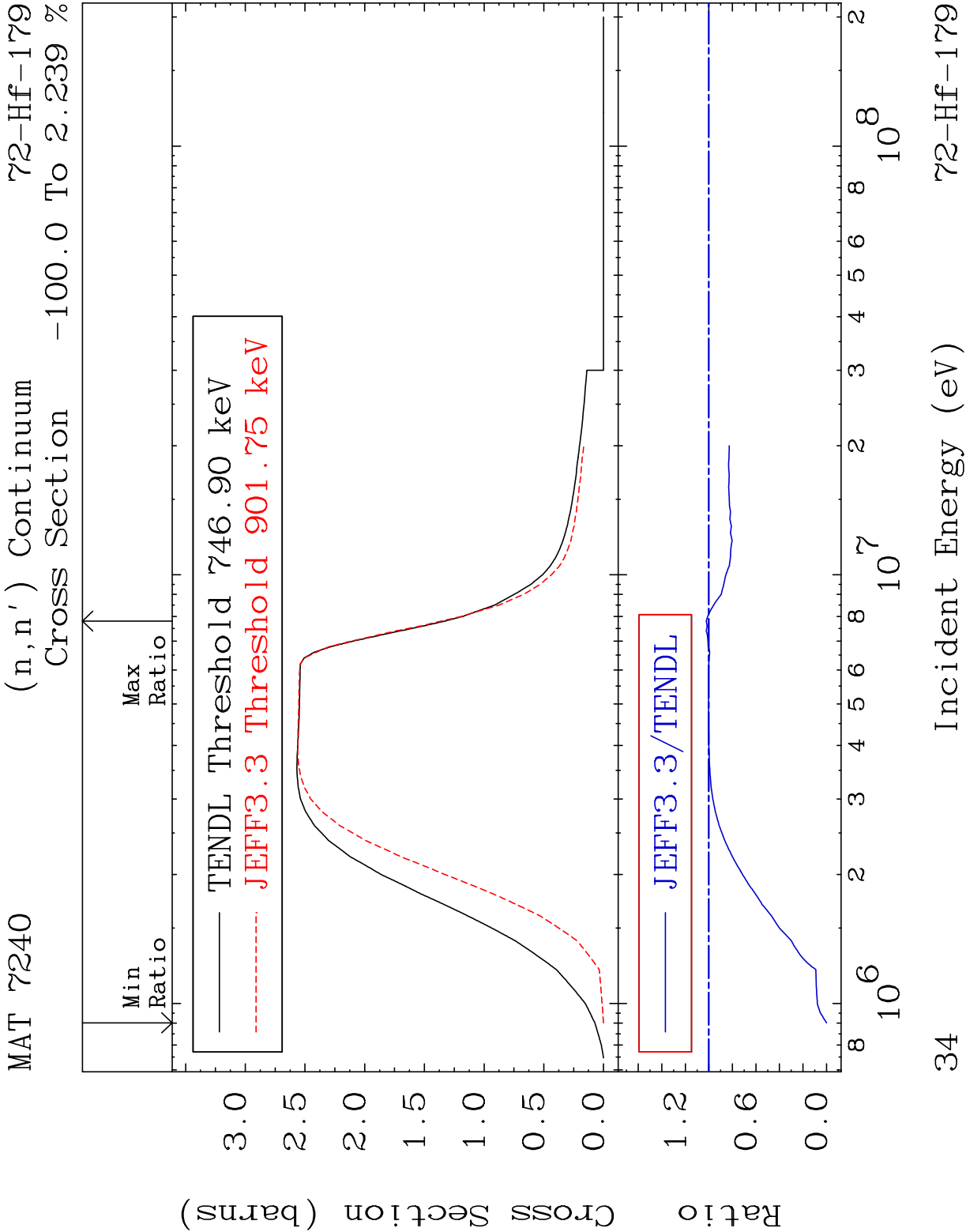
Cross Section

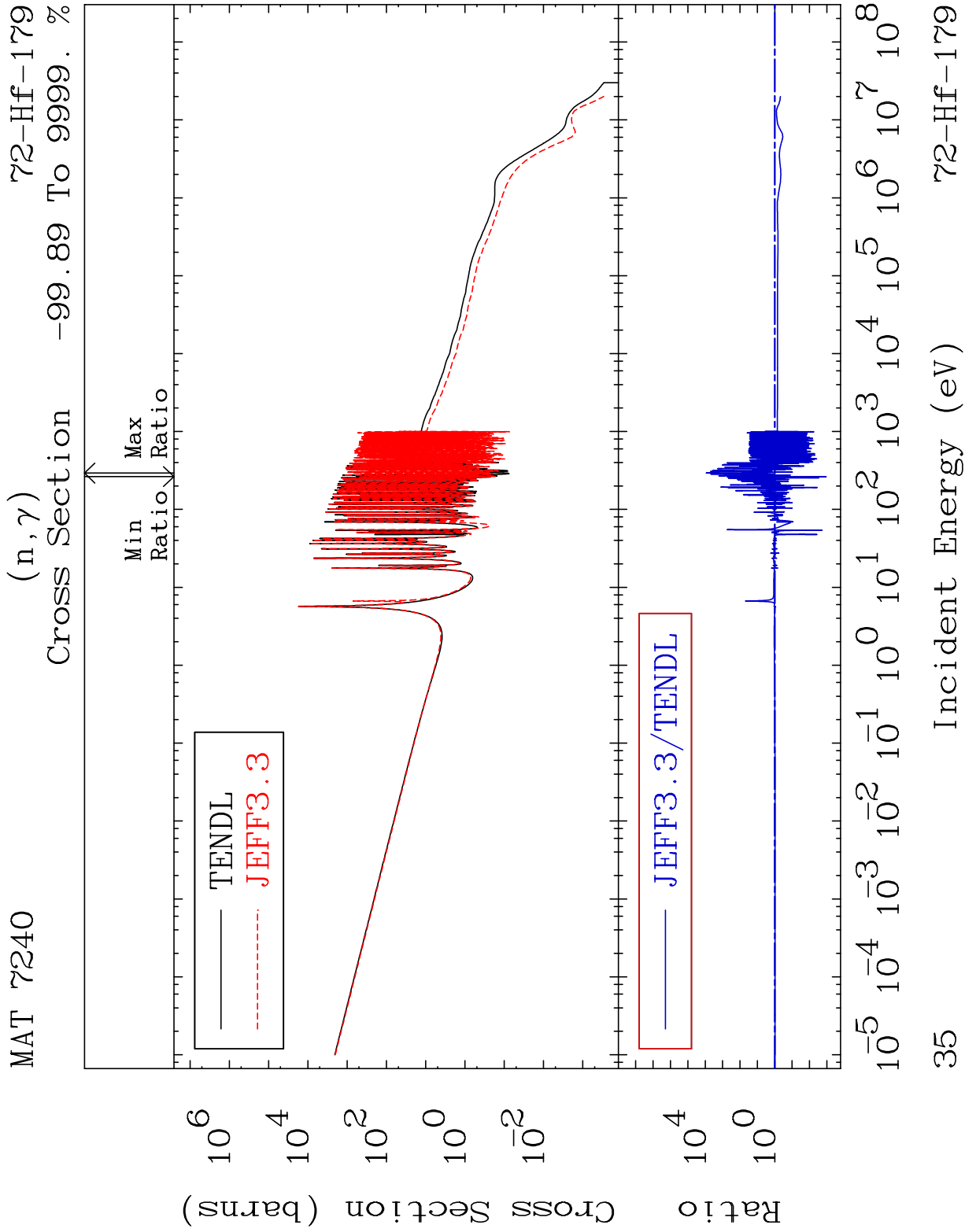
-53.85 To 43.75 %

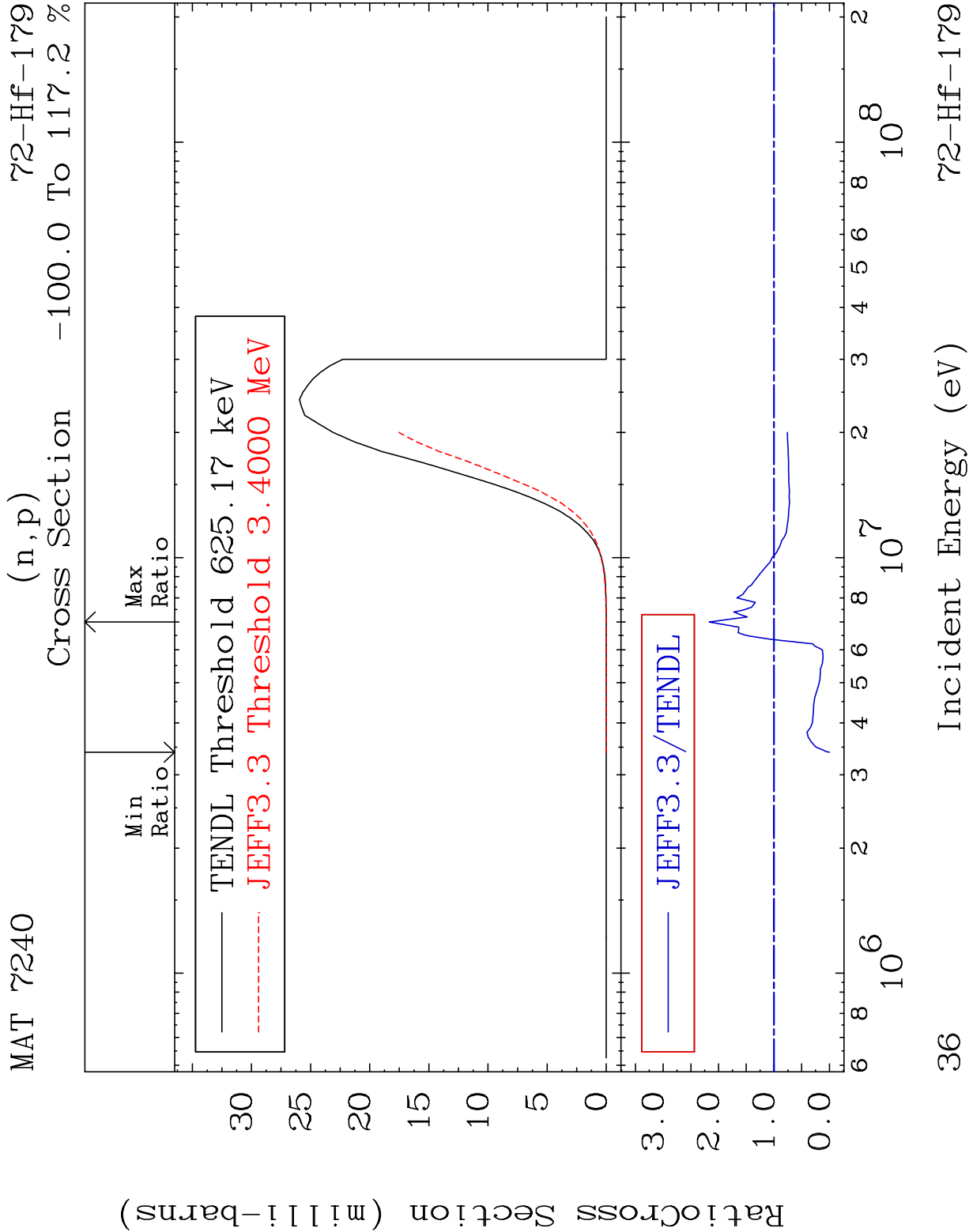


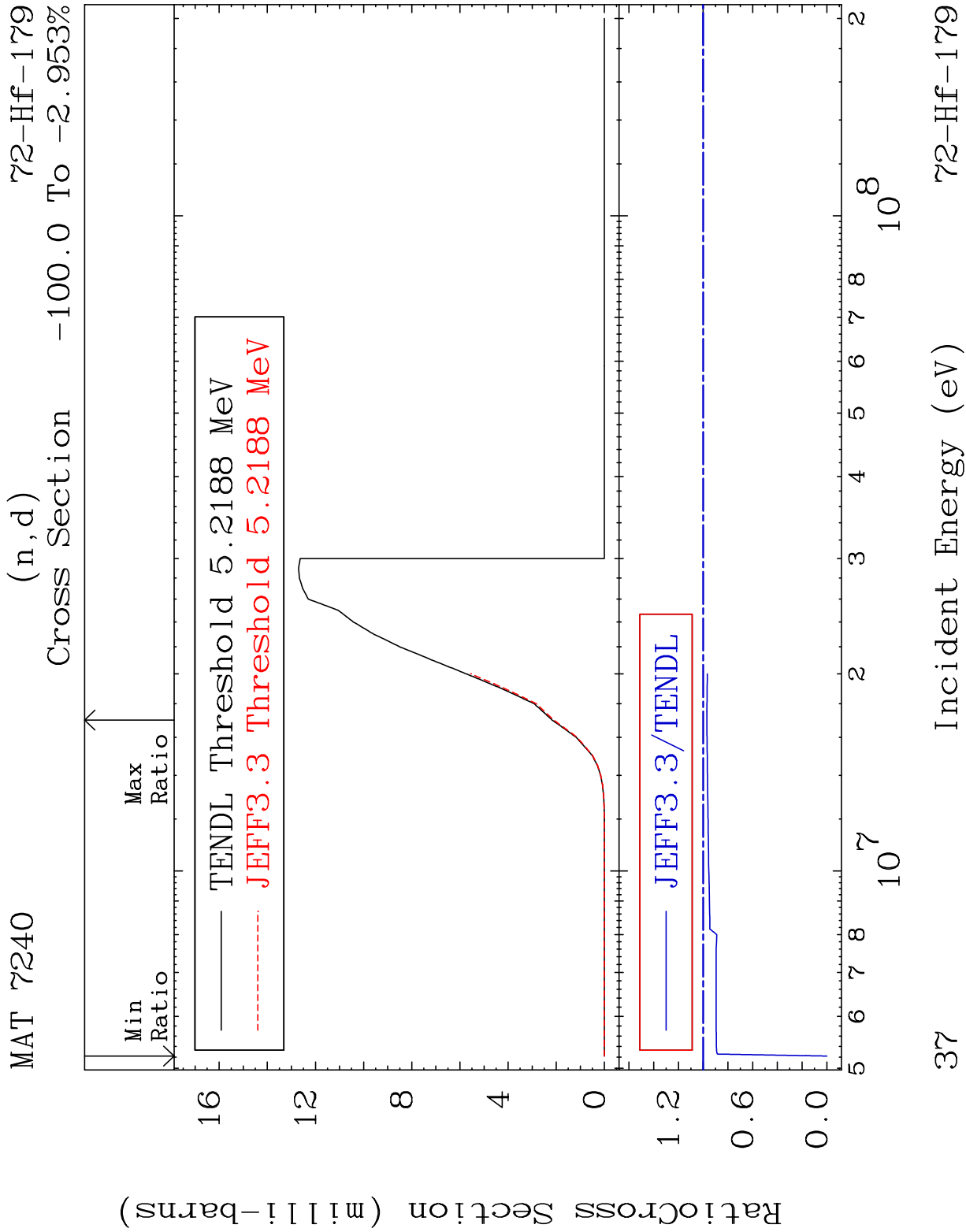
MAT 7240 MT= 71 (n,n') Level 72-Hf-179
Cross Section -13.95 To 9999. %

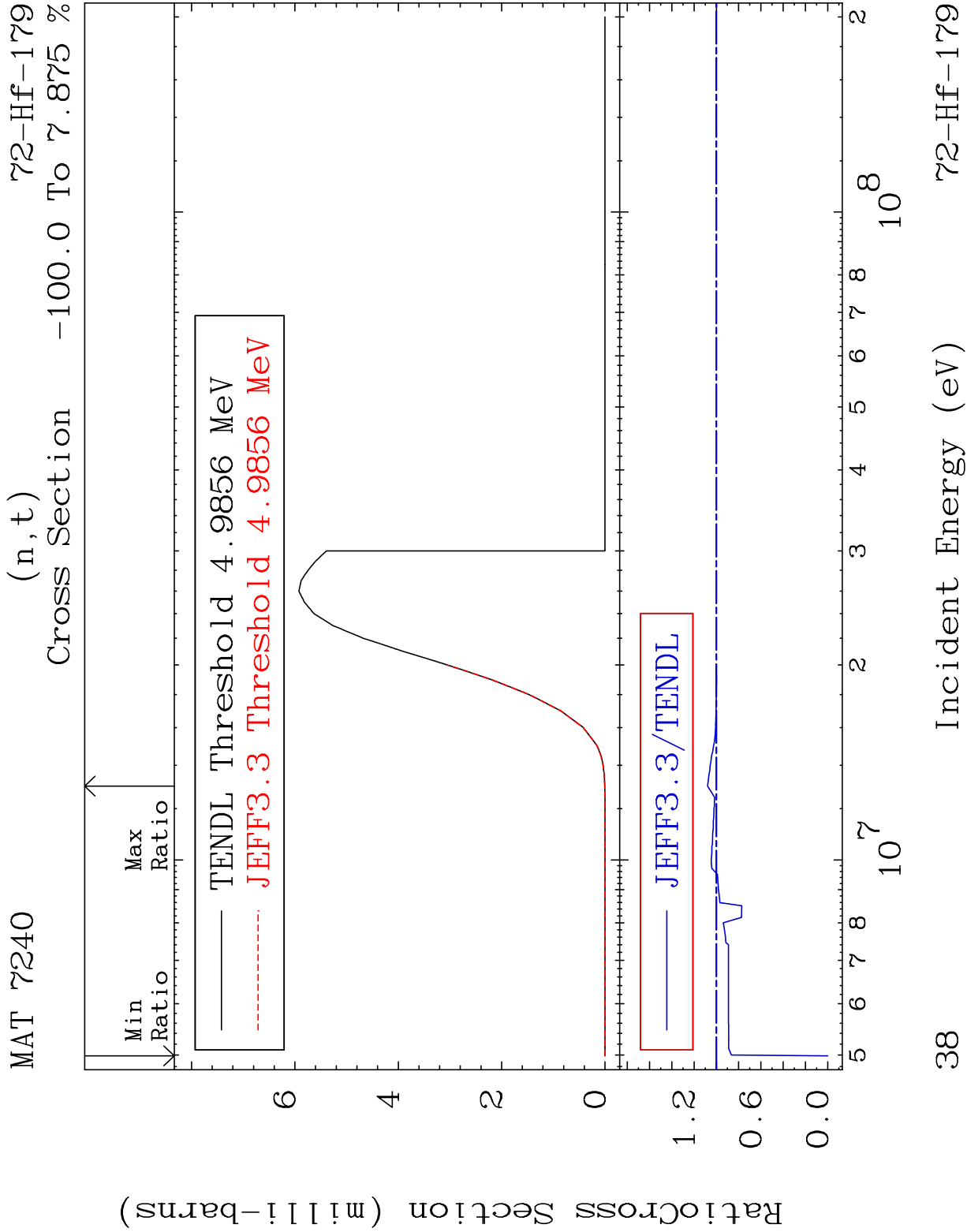


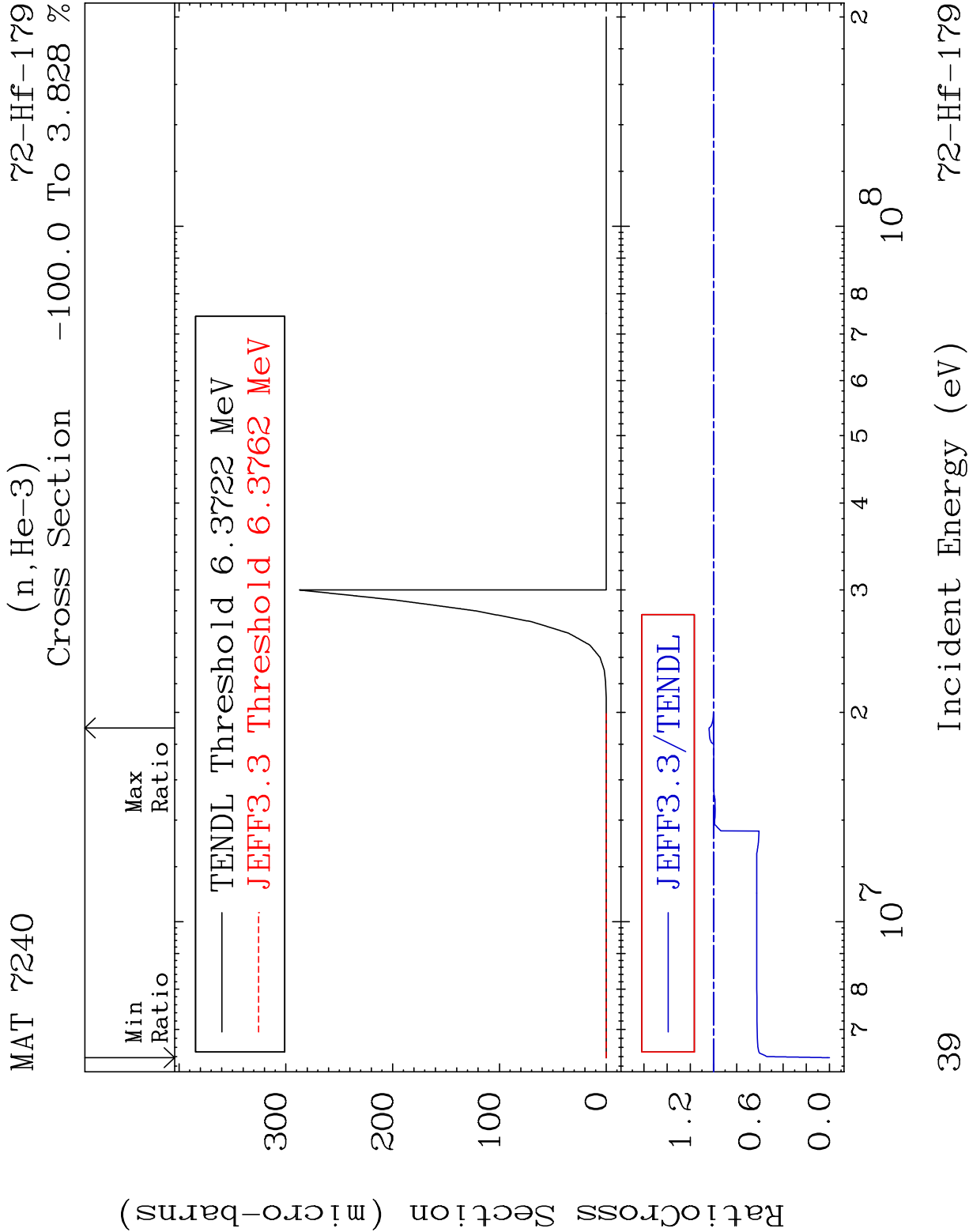


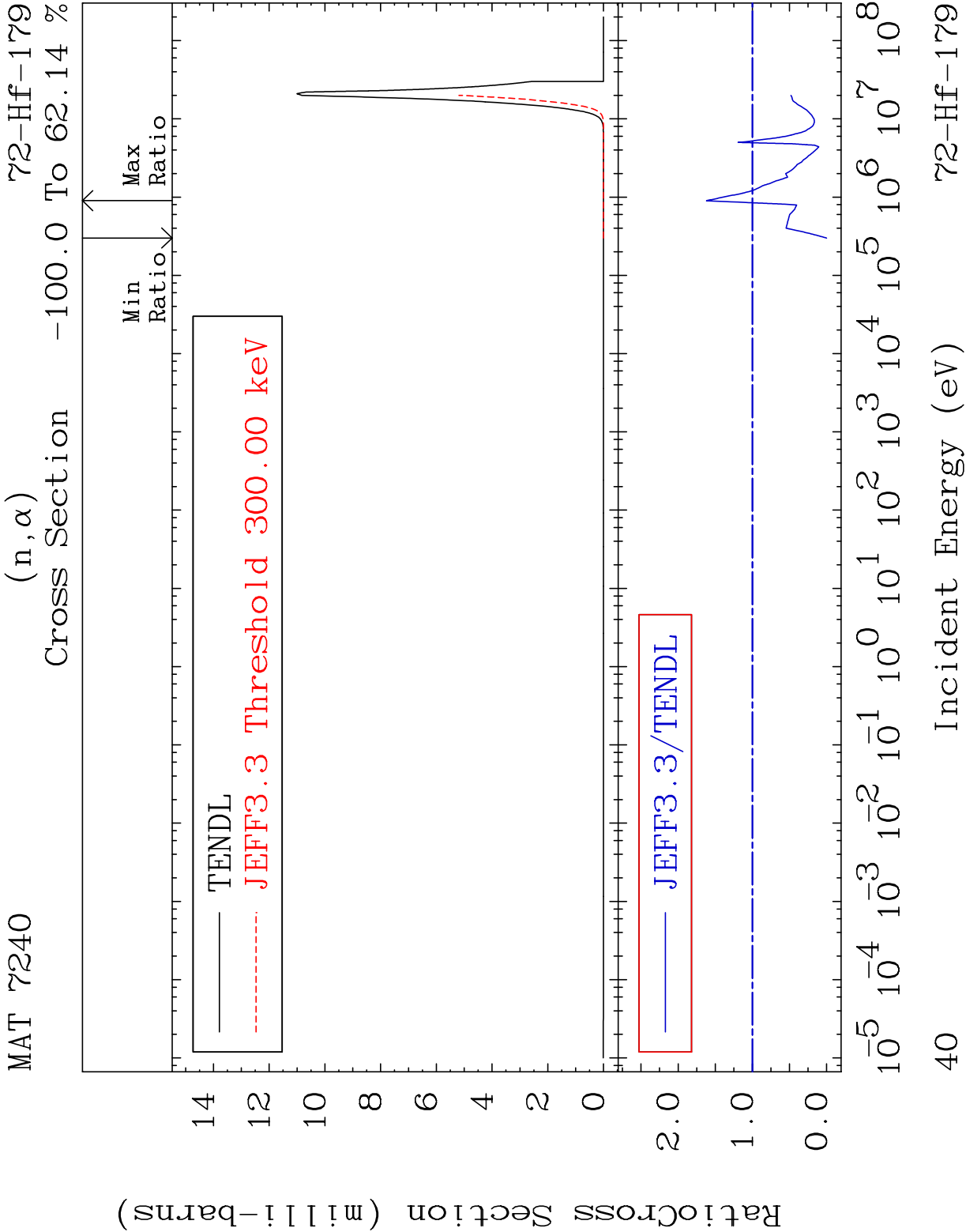










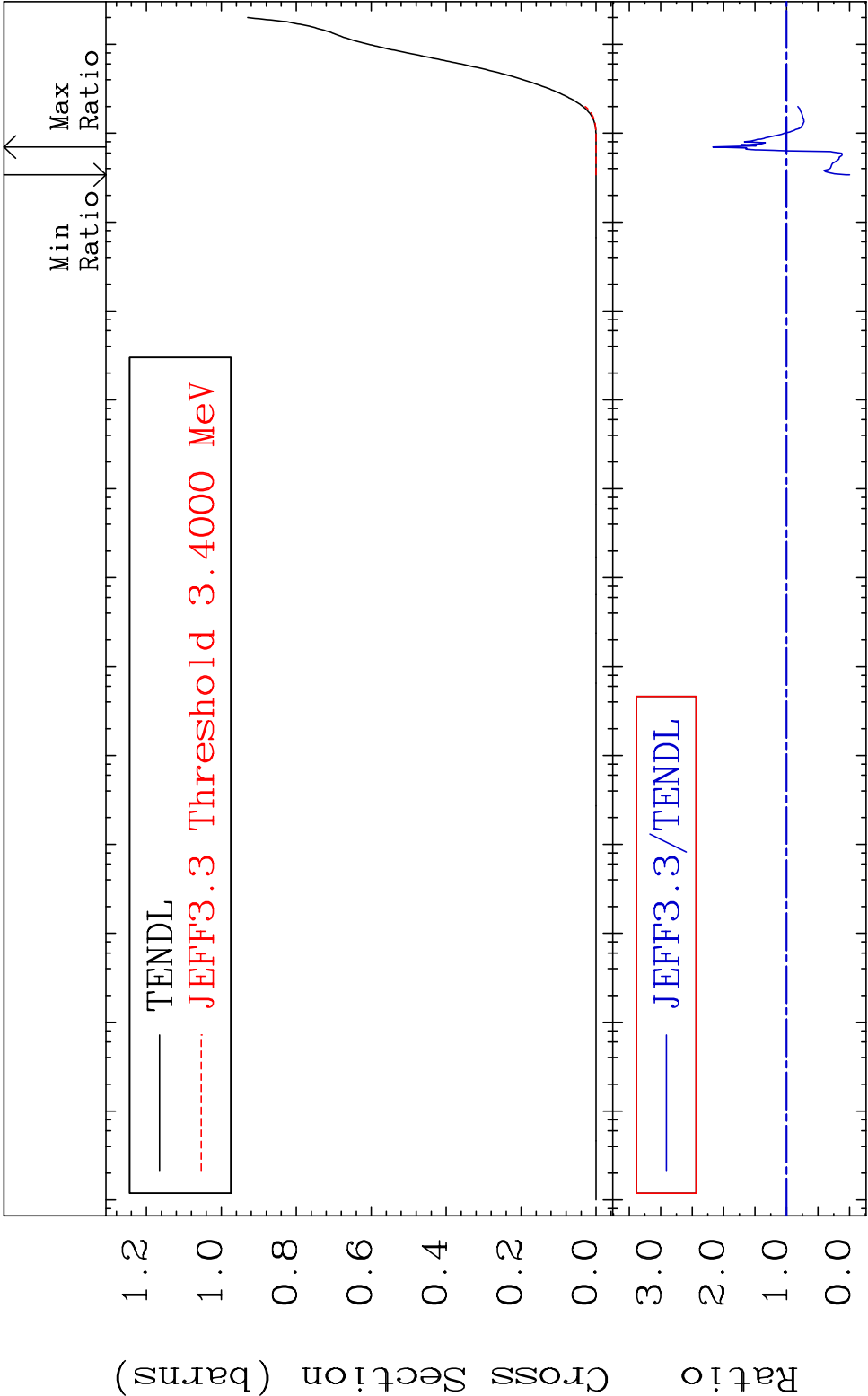


MAT 7240

Hydrogen Production

72-Hf-179

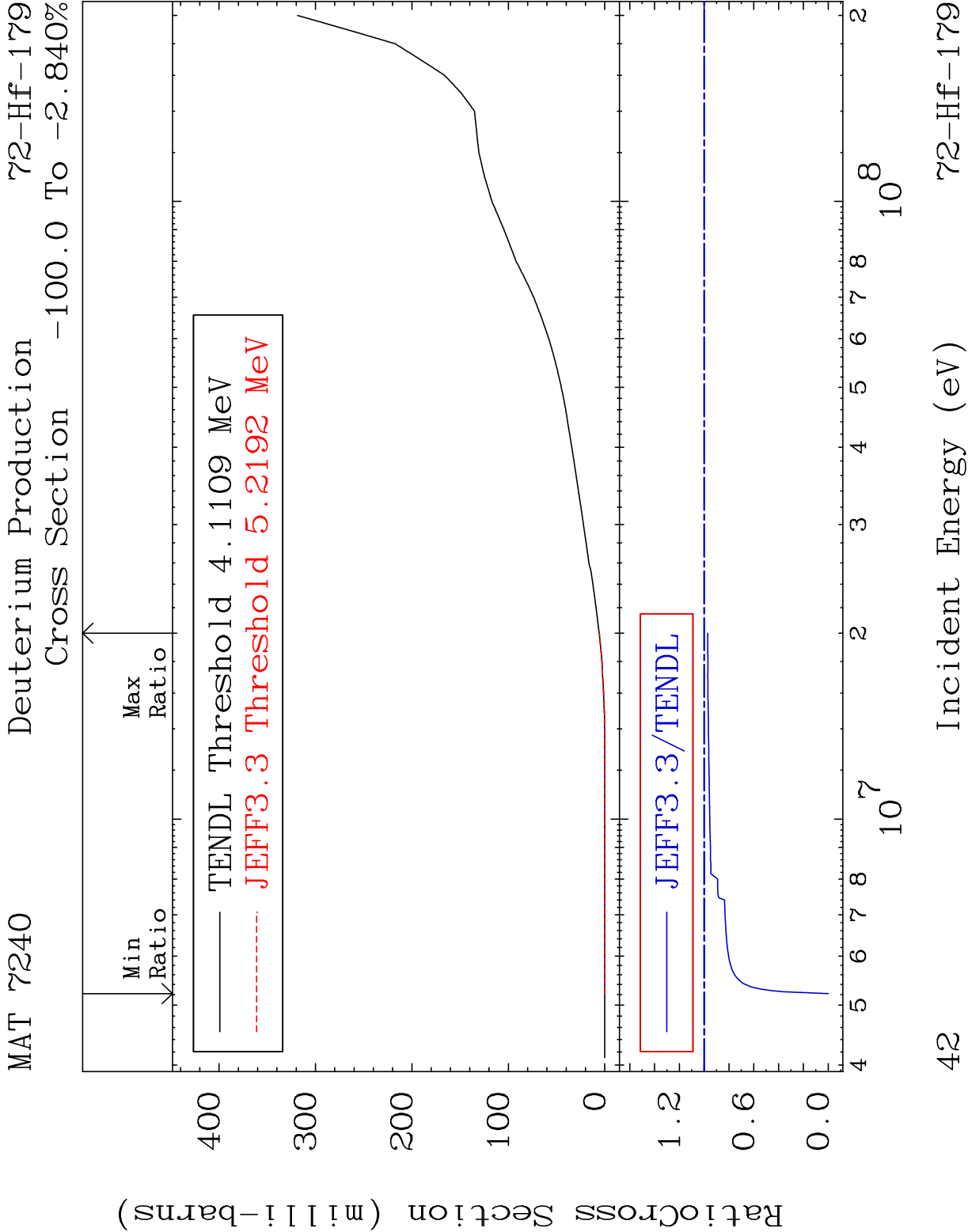
Cross Section -100.0 To 117.2 %

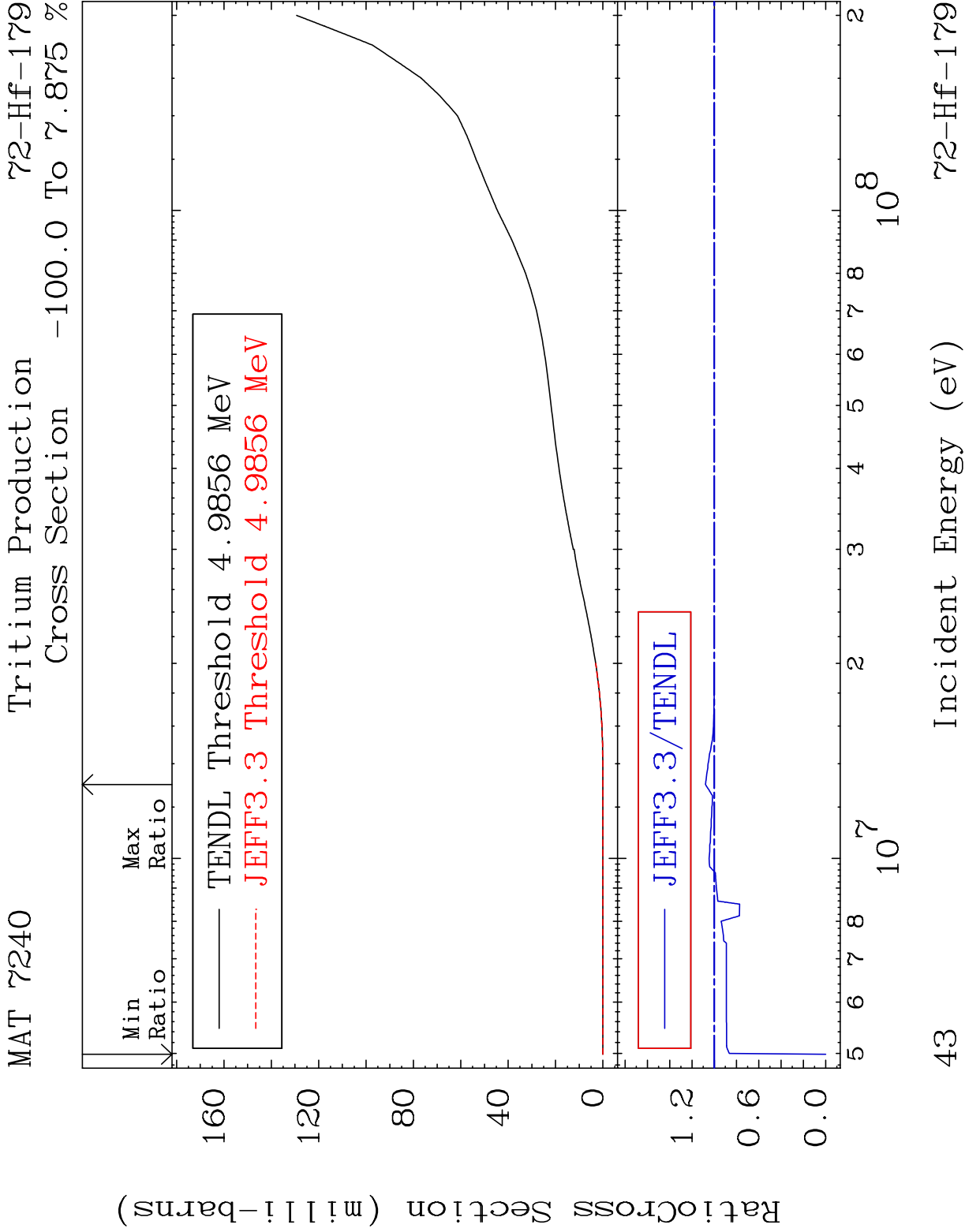


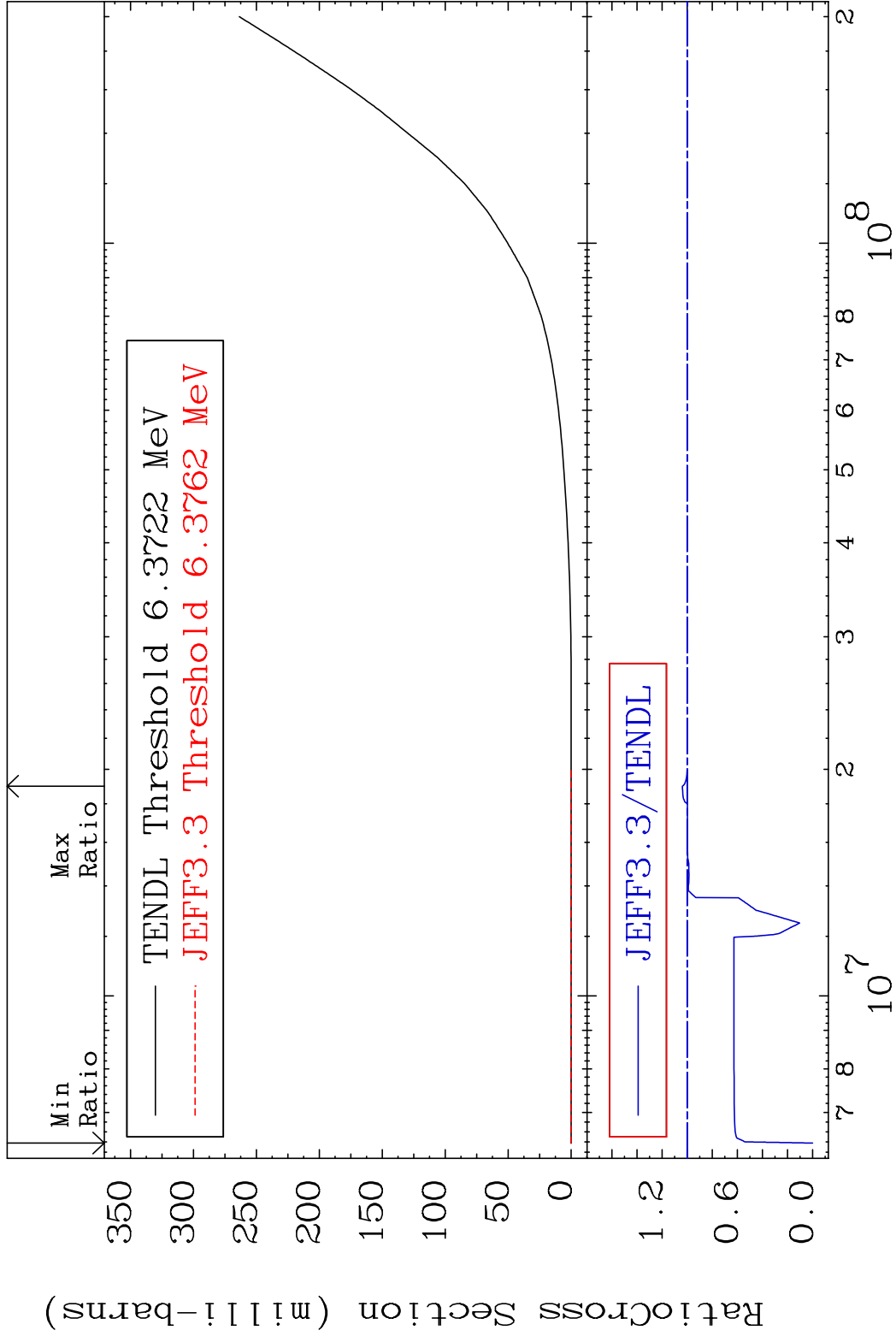
41

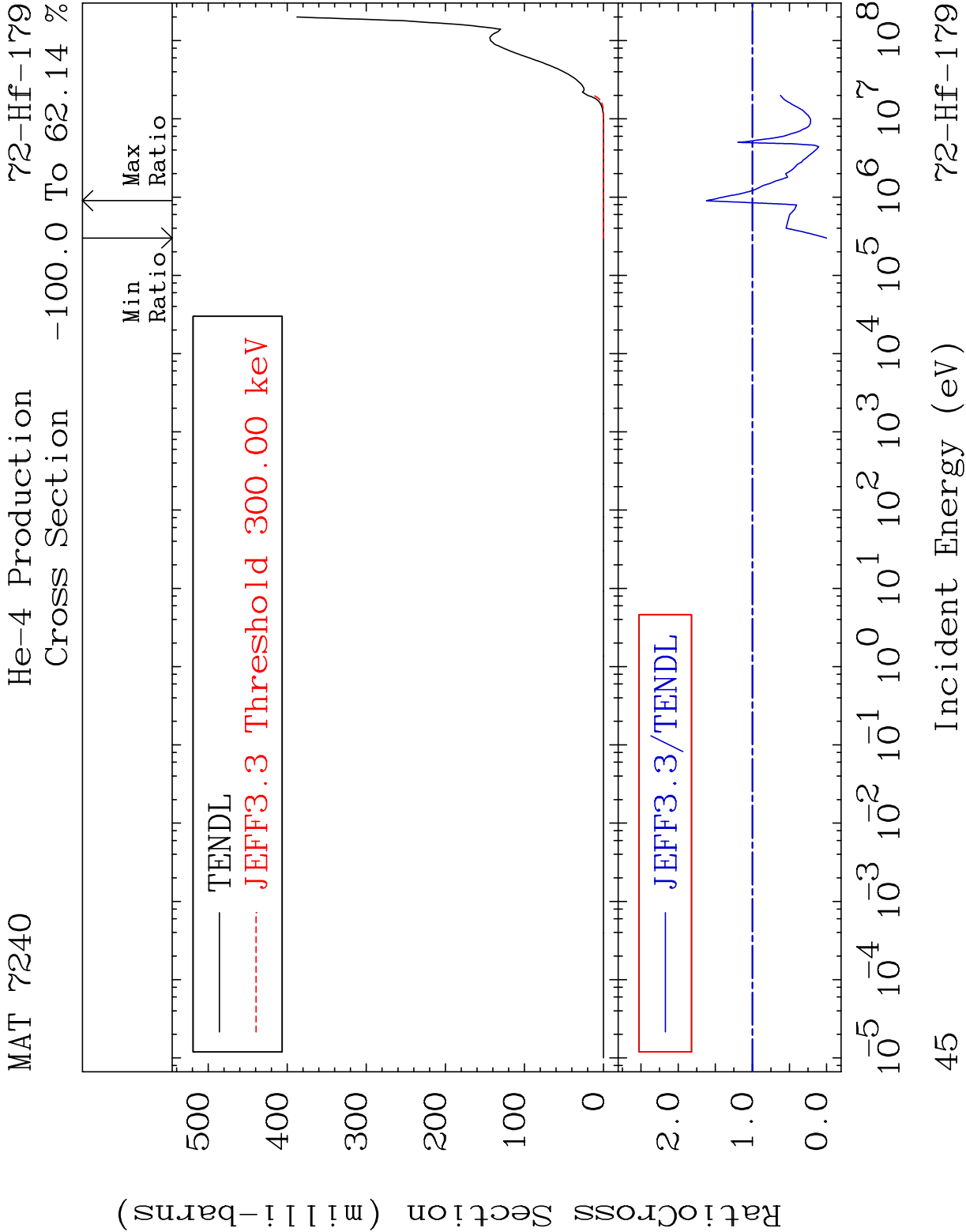
Incident Energy (eV)

72-Hf-179

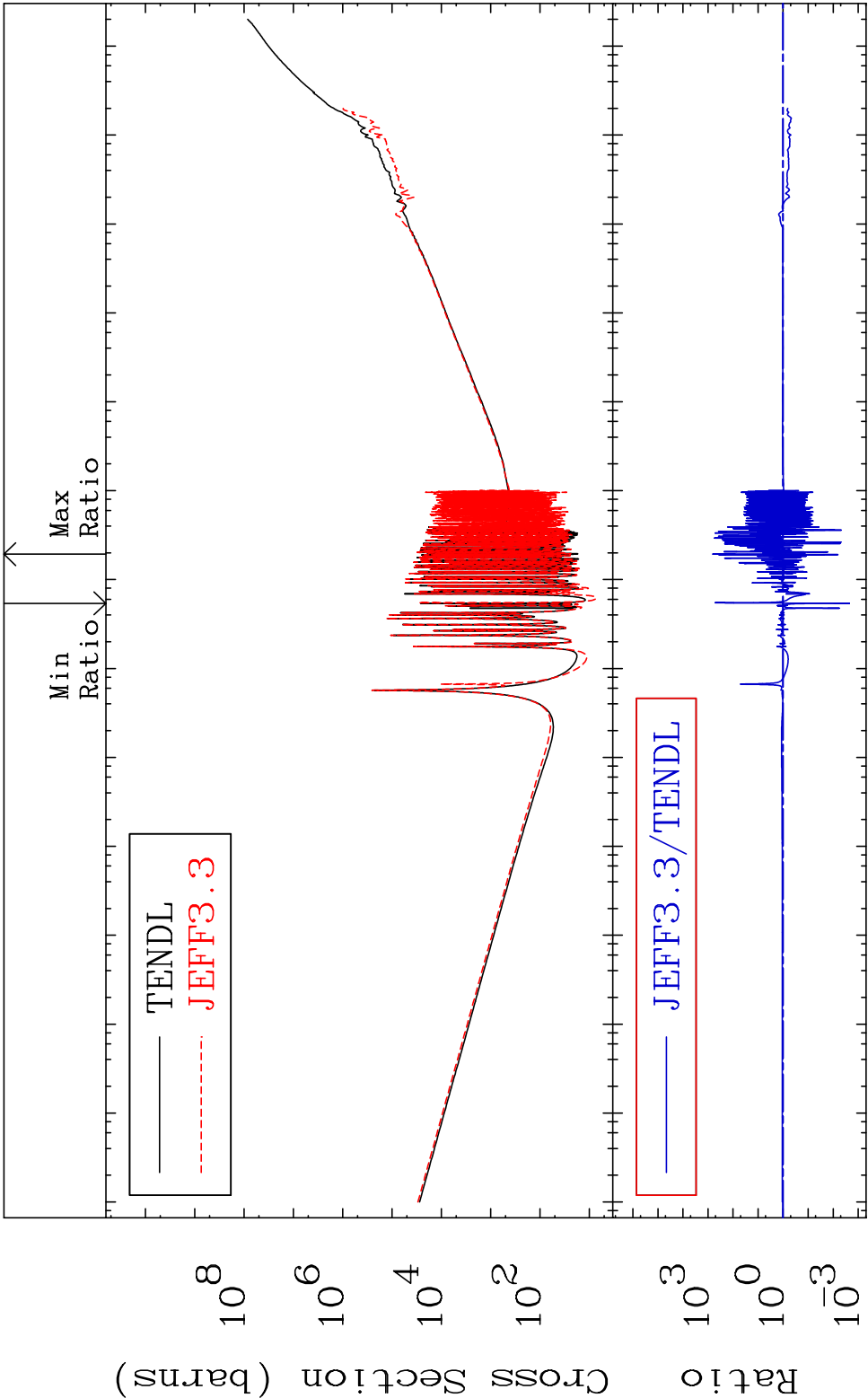




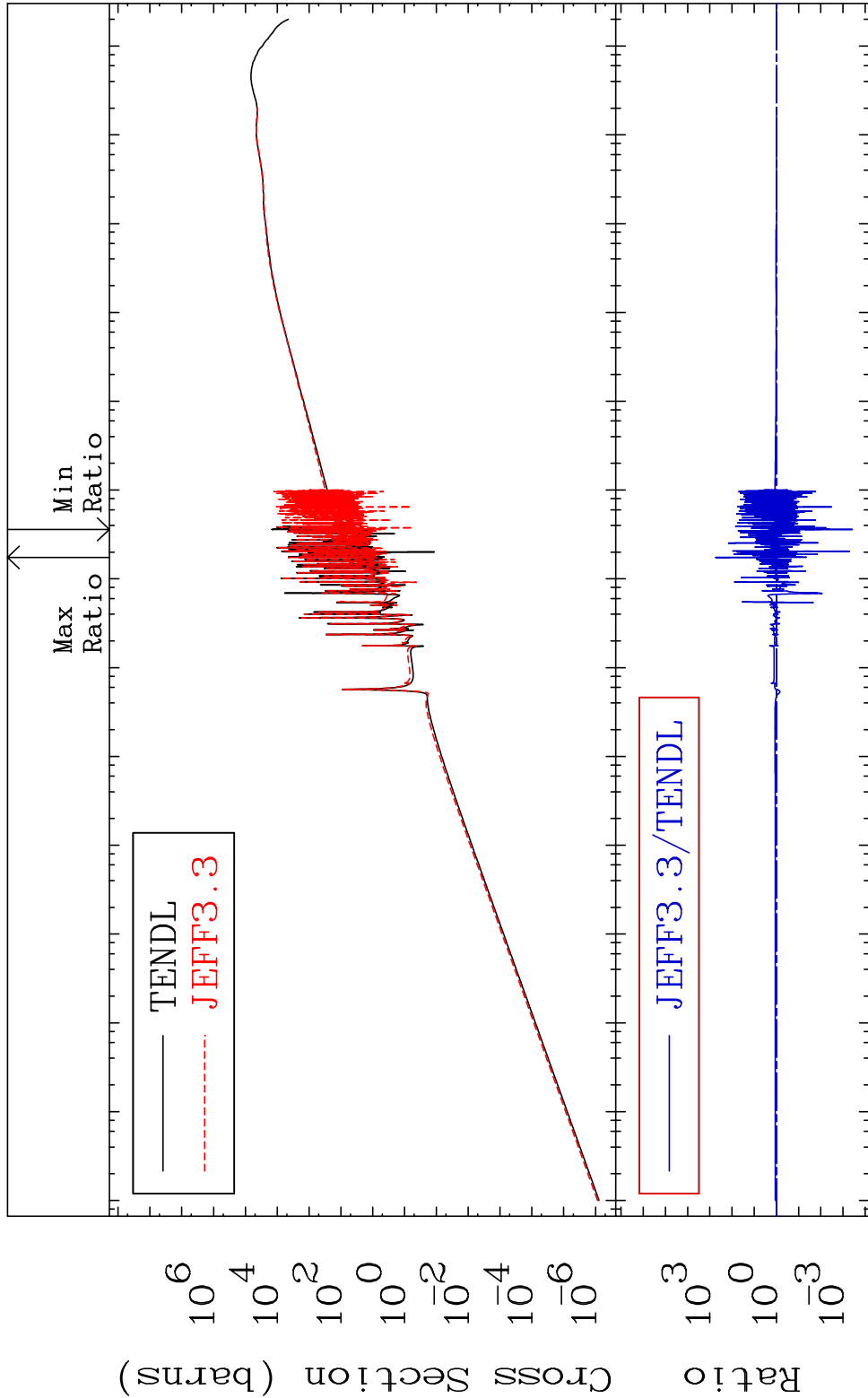


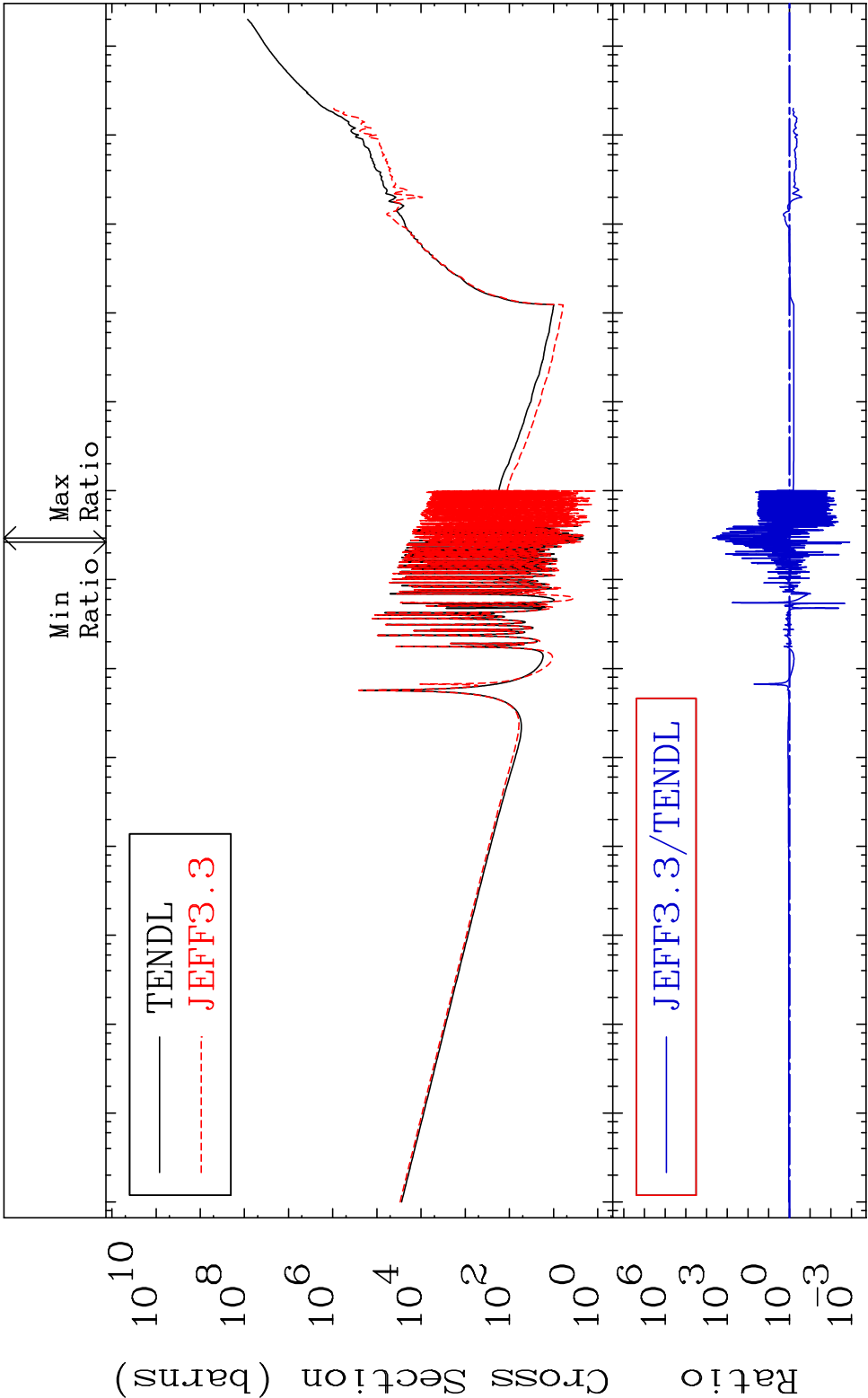


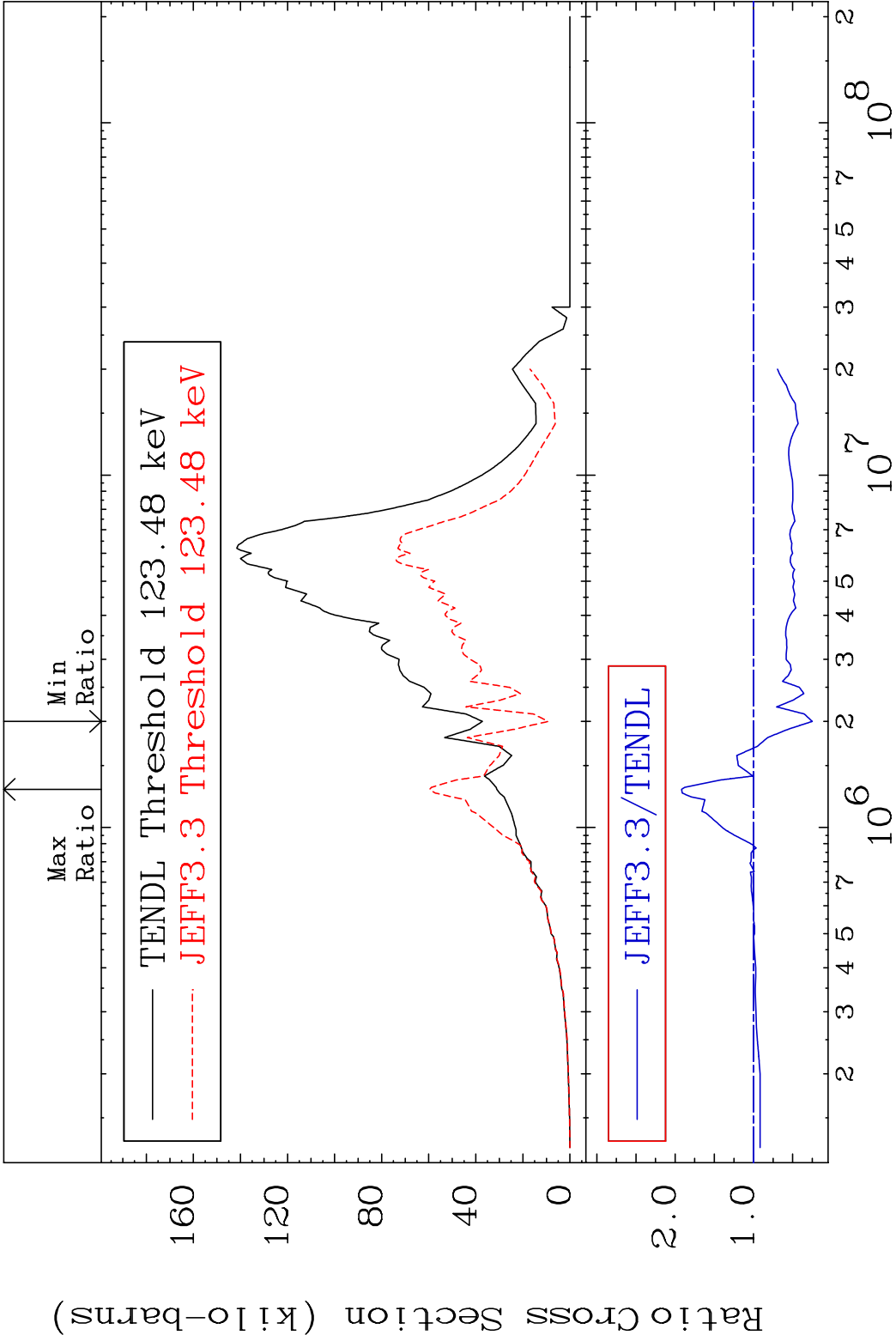
MAT 7240 Kerma total (eV-barns) 72-Hf-179
Cross Section -99.78 To 9999. %



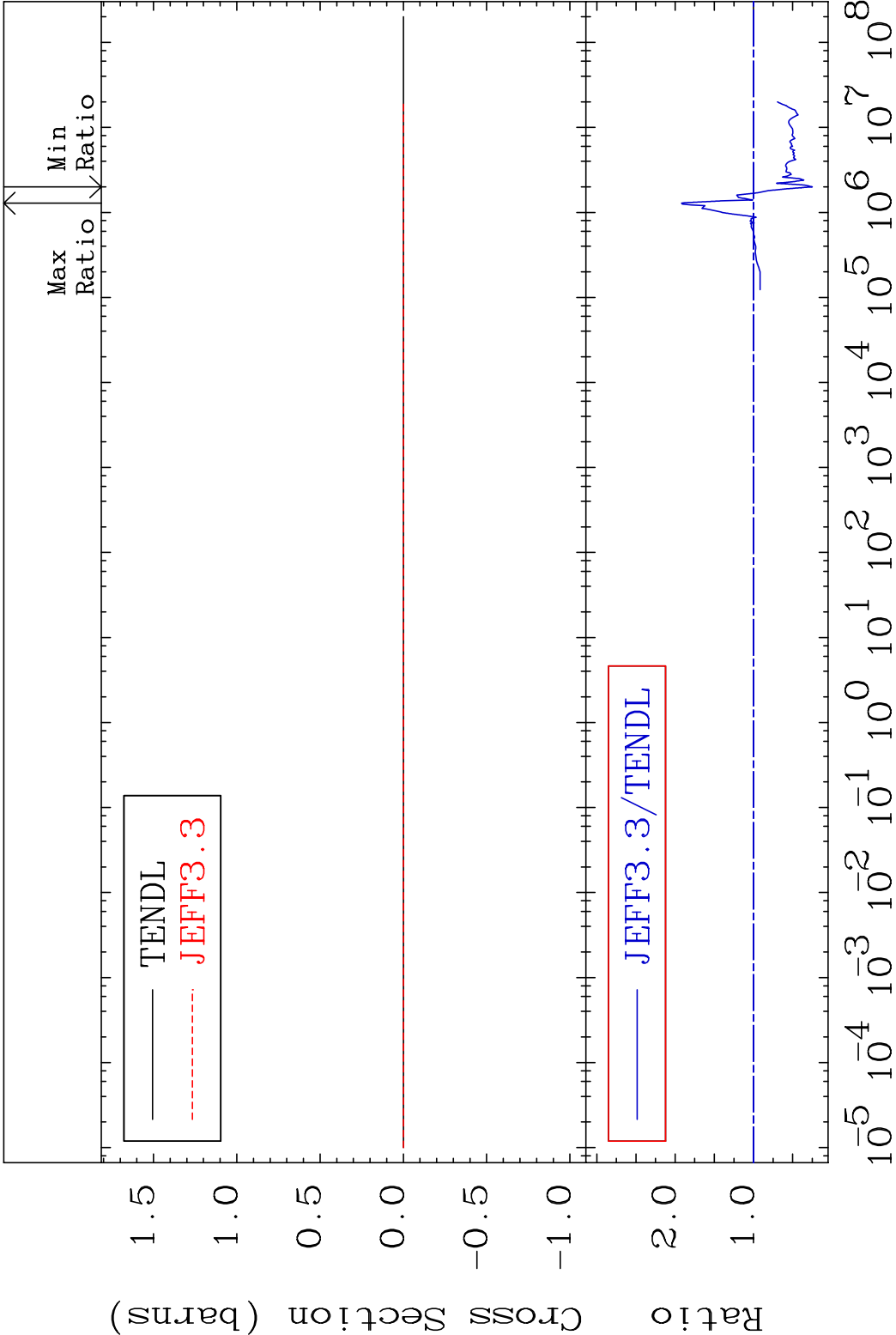
MAT 7240 Kerma elastic 72-Hf-179
Cross Section -99.96 To 9999. %

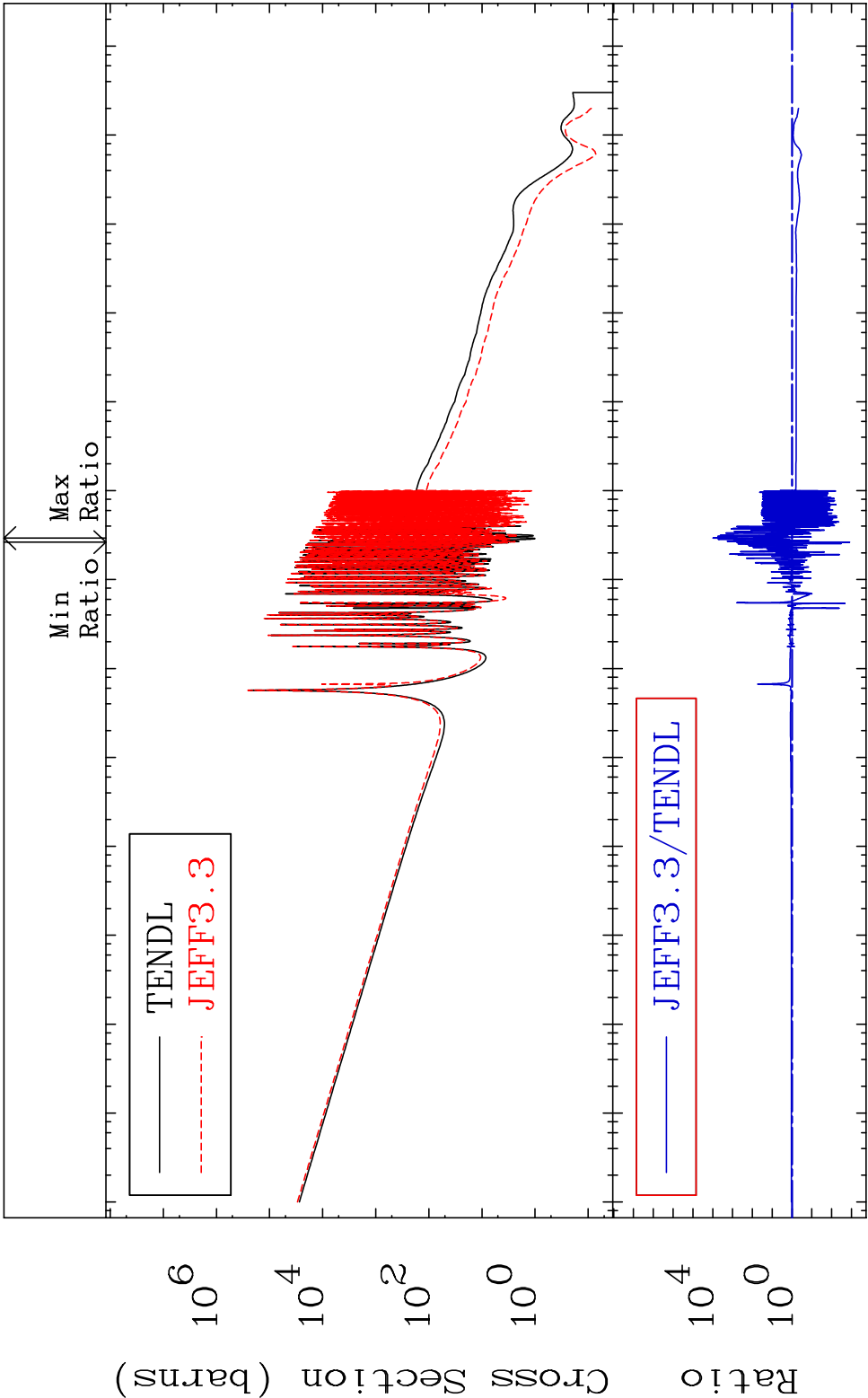


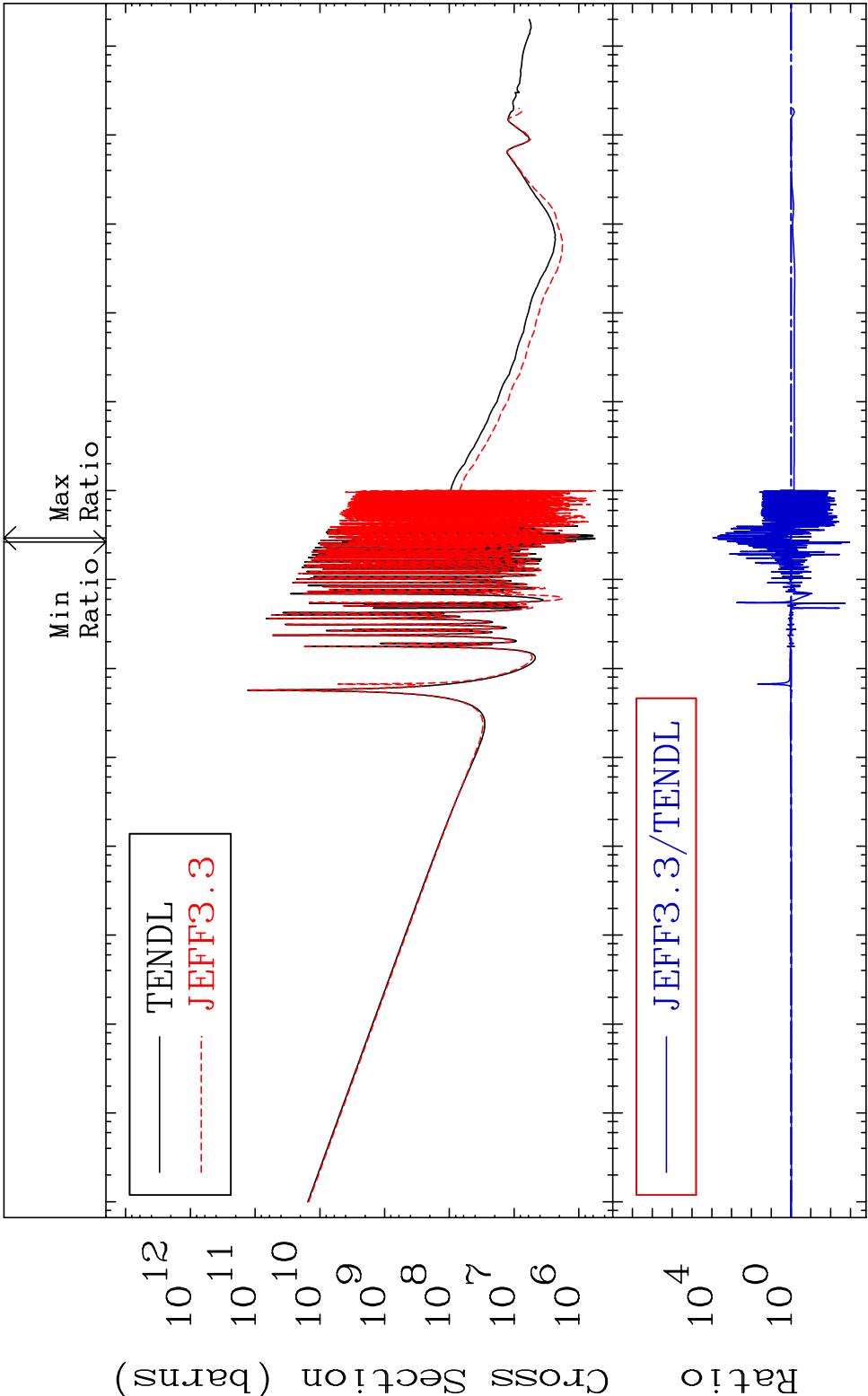


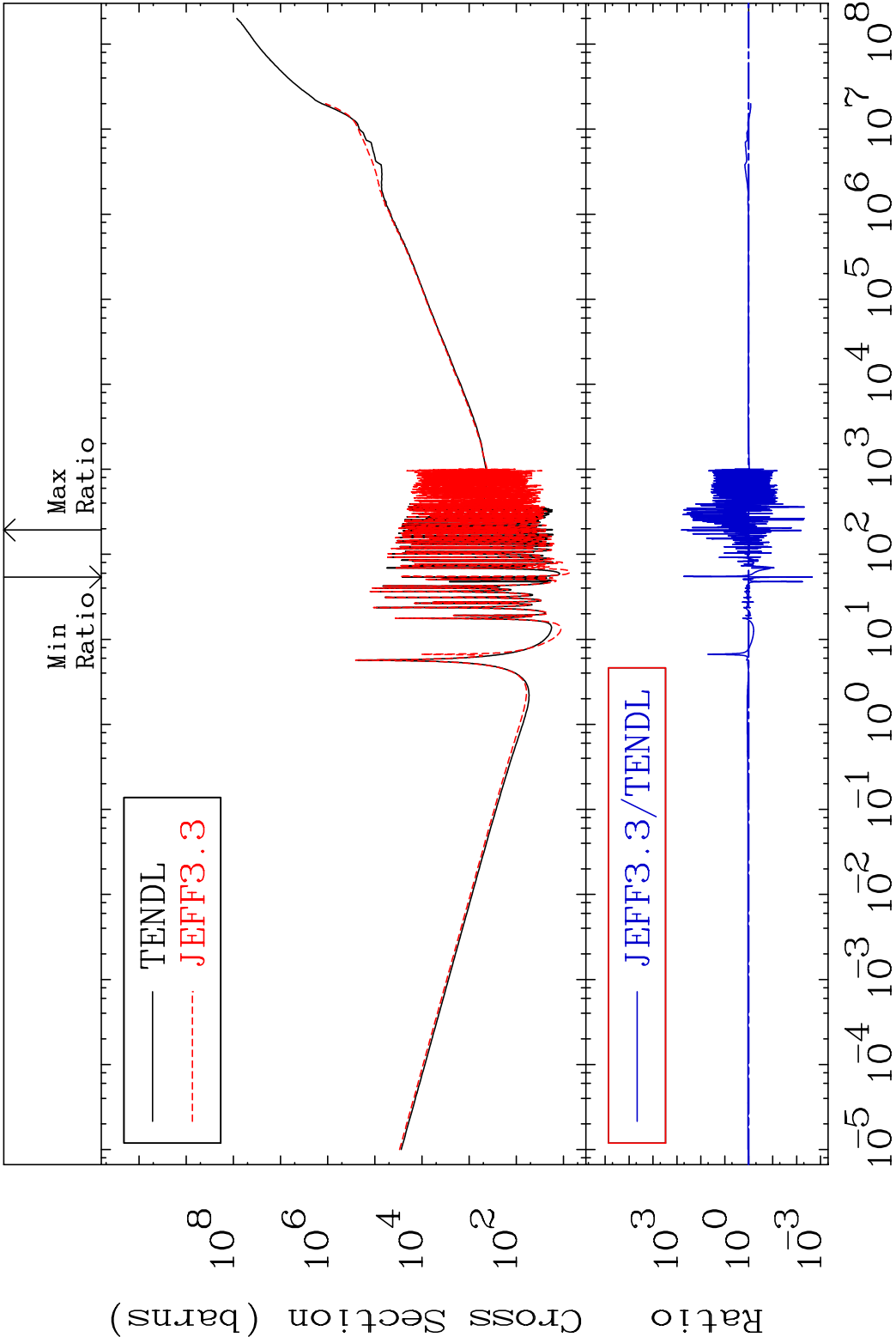


MAT 7240 Kerma fission (mt18 or mt19-20-21-38)72-Hf-179
Cross Section -75.03 To 91.83 %

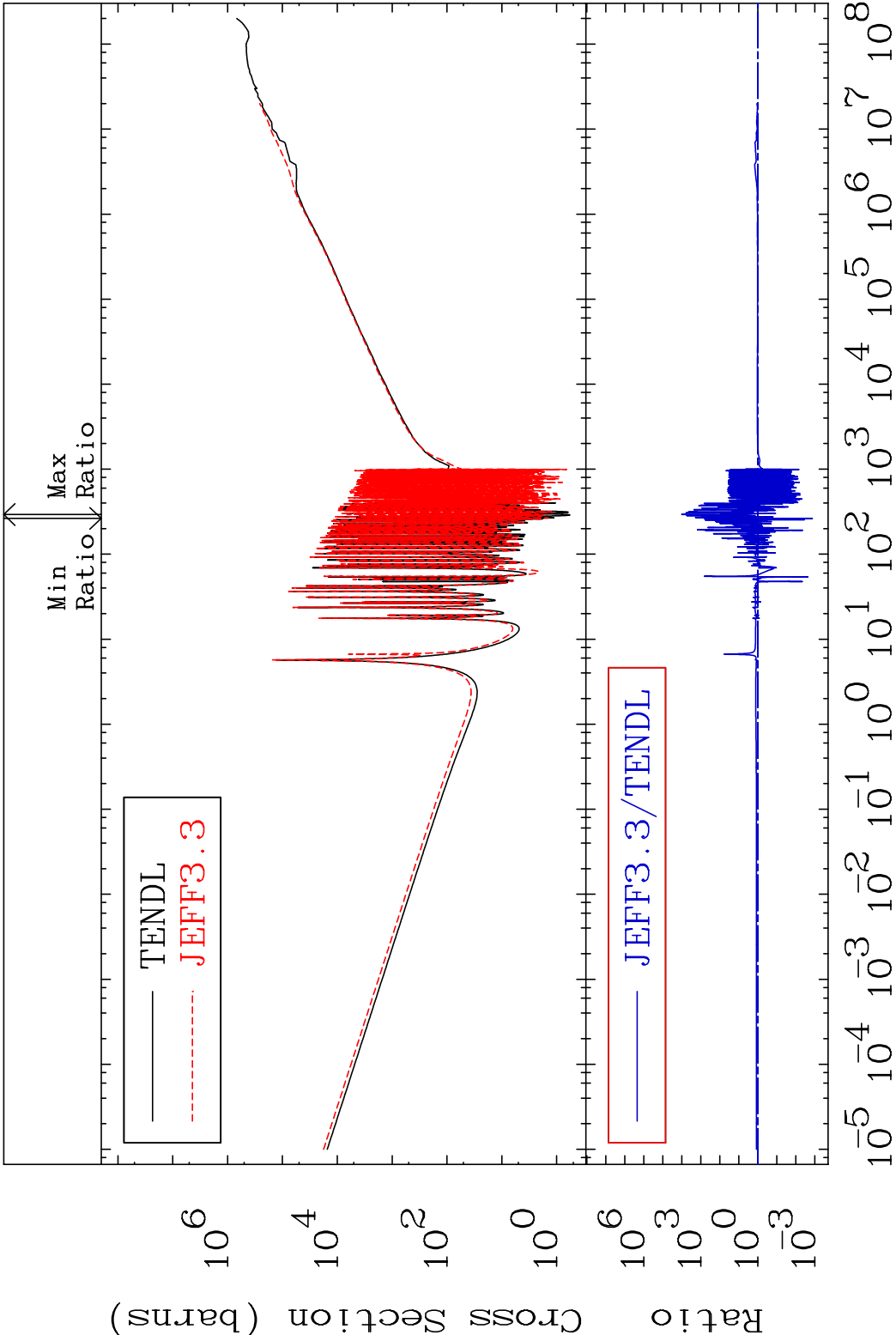


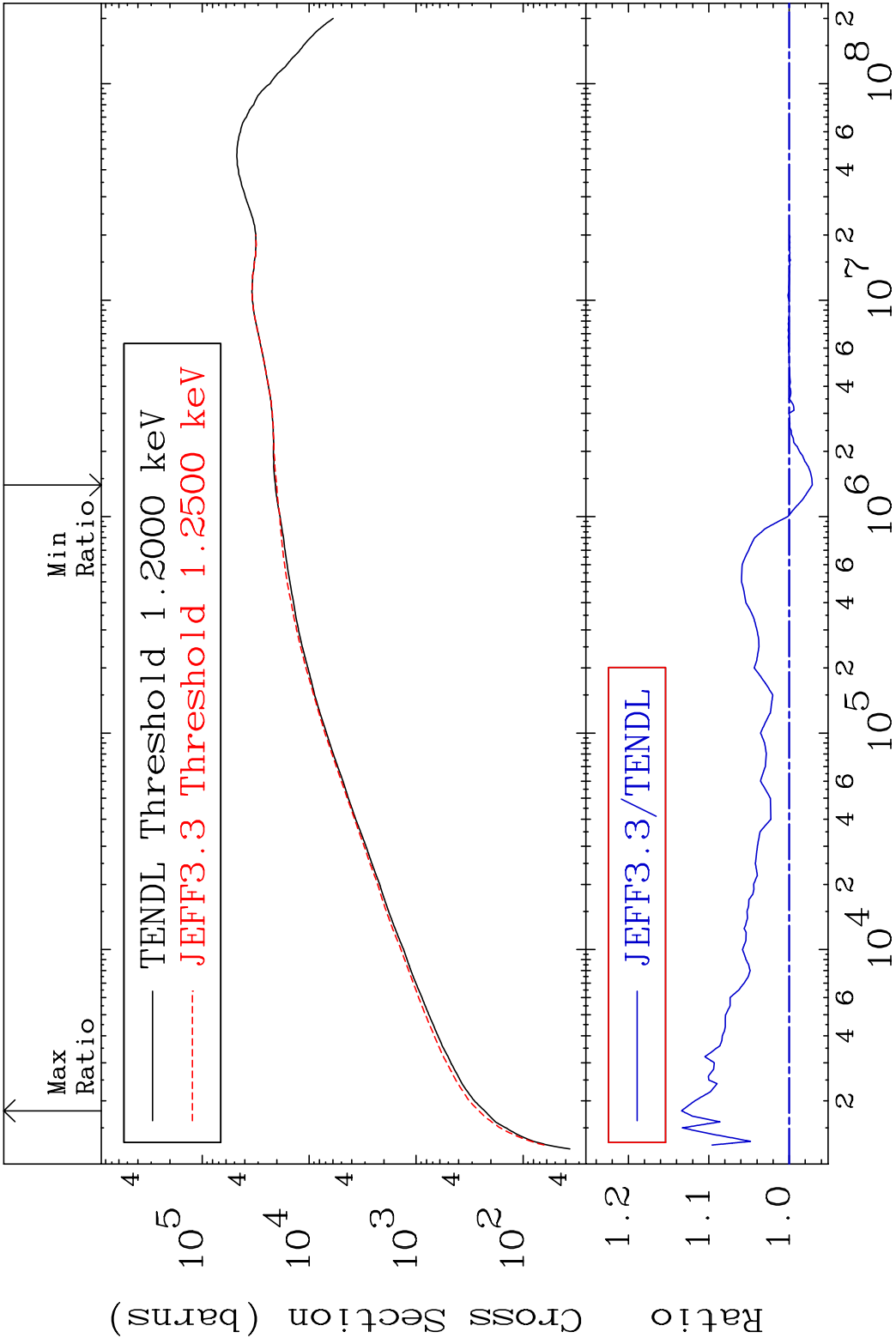


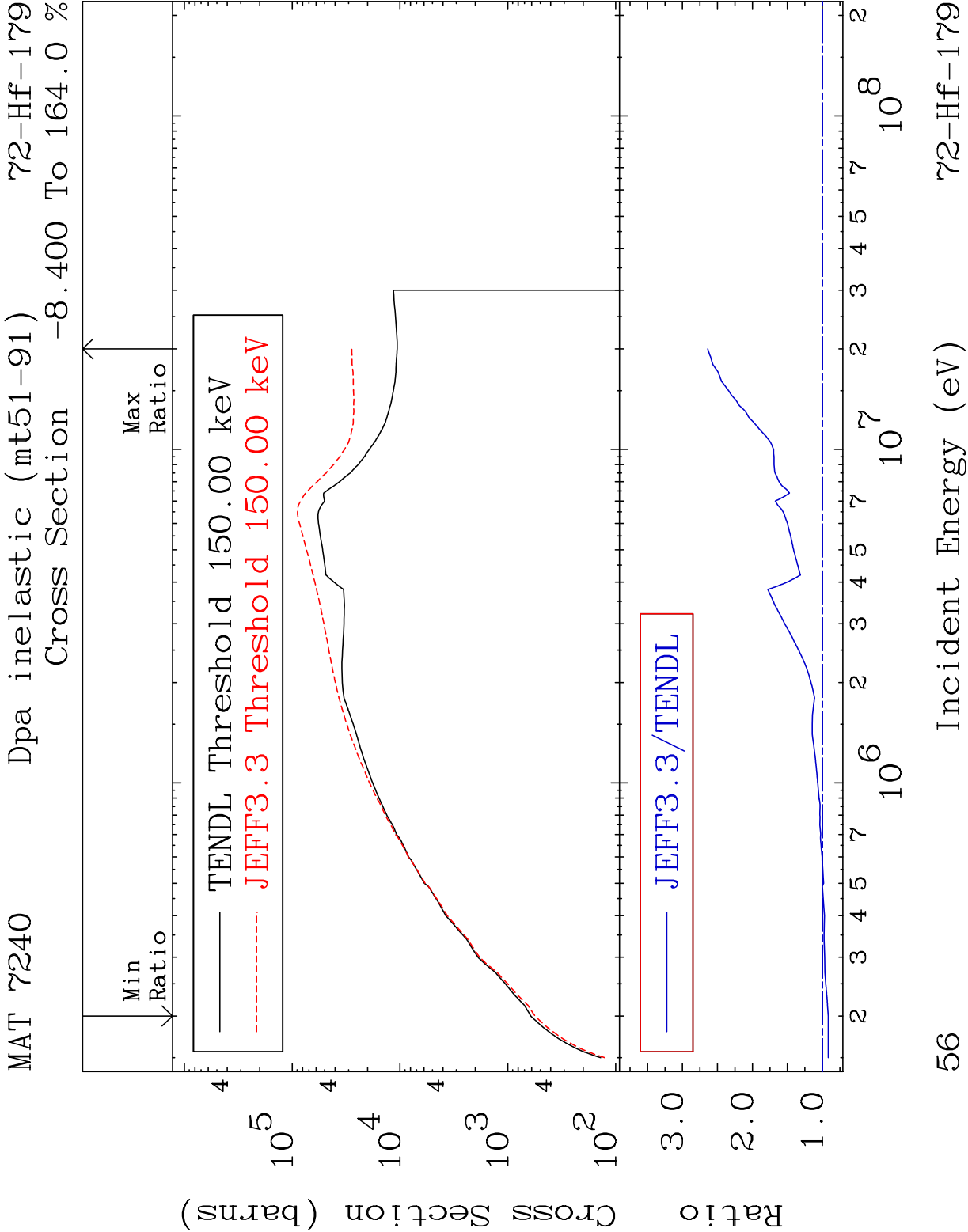




MAT 7240	Dpa total (eV-barns)	72-Hf-179
	Cross Section	-99.86 To 9999. %







MAT 7240 Dpa disappearance (mt102 -120) 72-Hf-179
Cross Section -99.86 To 9999. %

